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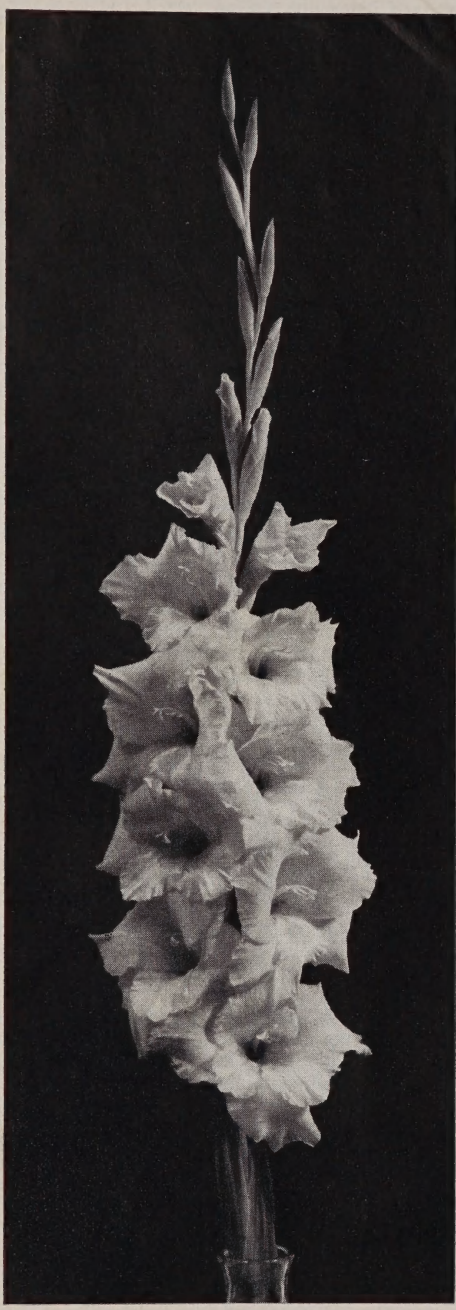
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The

GLADIOLUS FANCIER'S GUIDE BOOK 1942



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P. O. — BEDFORD, OHIO



Spitfire

INTRODUCTORY

A GAIN, this booklet is planned for you. It adopts your point of view. It gives you hitherto unpublished facts upon which to base your own conclusions. It is not cluttered up with fictitious values.

A small portion of the information in this booklet is repeated from last year. In such instances, the data is still so valuable that we cannot possibly leave it out.

Of course, all information concerning prize winnings, voting symposiums, newly recommended formulas for bulb disease and thrips prevention is brought right up-to-date.

New matter begins on the next page.

SYMPOSIUM RATINGS

This copyrighted booklet again contains the color breakdown of the last published Symposiums of the Canadian Gladiolus Society and the New England Gladiolus Society, copyright owners. Another symposium is in process of completion in the Canadian Society. Too late for inclusion here. If desired before our next edition of this booklet, see page 47 hereof.

BEHIND US—EXPERIENCE

Fourteen years of informative cataloging.

About five years each as Executive Chairman of the American Gladiolus Society and the Ohio State Gladiolus Society, with general duties of determining editorial policy, negotiating, drafting and executing show contracts, improving variety classification, devising scoring methods, now used with minor variations about the world.

Twelve years of competitive exhibiting of blooms in A.G.S., Ohio, and other state and regional shows. Beaten but once on commercial display and consistently unbeatable for point accumulation in the three spike, competitive color classes. Usually Achievement Award for most points in the Commercial Division.

Eleven years of importing the finest varieties offered overseas.

Never licked by the thrips, thanks to corrosive sublimate, ethylene dichloride and Rototox.

Member of practically every Gladiolus Society in the world with publications in English.

Thus we keep abreast of the times and it is small wonder that, as the Symposium lists change every couple years, we have already been cataloging almost all of them years before they attained their peak of popularity.

We take no special credit for growing a variety better than the other fellow. In fact, most of our show exhibiting amateur customers grow any variety they buy of us better than we. Rather, we win in the shows because we have the cream of the latest introductions from all parts of the world. Selection of the right ones for you to purchase is the ultimate aim of our experience.

Likewise it is our aim to aid our customers both amateur and commercial, in the saving of unnecessary expense and experimentation. Skill and care alone will not make plants yield rich and abundant flowers. The varieties must be inherently capable of it and the bulbs healthy and the plants insect pest free to permit their best performance. Printers' ink can do a lot but it cannot make a good variety out of a poor one.

A WORD TO THE WISE

Disappointment can be minimized by leaving to the highly trained gladiolus specialist the experimentation and cash investment necessary to try out all the new offerings of the many hybridizers. Those who know the quality of competition in national, state and regional shows in the last few years have come to realize that inferior sorts rarely win. We list only those varieties currently winning first prize awards and, on occasion, a limited few new ones which we have grown and which, in our opinion, are about to take their place in the winning ranks. We have almost no errors to acknowledge.

"Has beens" and varieties that have been kicking around in catalogs for years without being able to win in current major shows are omitted. You do not have to sift them carefully from our offerings. We have tried to lead you out of the usual labyrinth of a listing of hundreds of varieties where it would be next to hopeless to differentiate the best from the commonplace. By our method of listing the latter are automatically sifted out.

We have no knowledge of the existence of any other gladiolus catalog in the world that even closely approaches so exclusive a list of prize-winners.

Also, it is well to leave to the federal, state and university entomologists, pathologists and to gladiolus specialists cooperating with them, the determination of best usages for the control of insect pests and bulb and plant diseases. Experimentation by others with poisons, poisonous gases and with insecticides, the component parts of which are not understood by the user, and with unapproved methods of fertilization, usually leads to trouble.

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LAST PUBLISHED SYMPOSIUM RATINGS

(With special permission of the Canadian Gladiolus Society and the New England Gladiolus Society, copyright owners.)

The Canadian Gladiolus Society Symposium, with participation limited to about ninety ranking growers and amateurs, classifies about 600 leading varieties "A" for excellent, "B" good, "C" fair, "D" discard.

The New England Gladiolus Society Symposium for 1939 was a series of popularity contests each devoted to a single color classification. The Symposium below is based on the percentage of total votes cast. Commonly, popular vote symposiums are about two years behind the expert type in arriving to about the same conclusions.

You may notice we have been closely anticipating the symposiums in our offerings for many years past. Undoubtedly our customers know this. And we are also offering now quite a number of varieties you will find appearing in the next symposiums. The % of "A" votes is based on a minimum of 19 voters reporting on the particular variety.

TOP AND 2nd RATING VARIETIES IN ADOPTED COLOR CLASSES OF

Canadian G. S. 1940

White and Creamy W.....	Myrna Lord Selkirk
Blush White.....	Camellia Rosemarie Pfitzer
Light Yellow.....	Jasmine Royal Gold
Deep Yellow.....	Harvest Moon Golden Goddess
Orange to O. Y.....	Bit o' Heaven Amulet
Light Salmon, Lt. Rose.....	Picardy Carillon
Sal. O.S. & Re. S.....	Barcarole Joh. S. Bach
Ro. Sal. & Sal. Ro.....	Vista Bonita Smiling Maestro
Medium & Deep Rose.....	Sensation Southport
Scarlet & Light Red.....	Algonquin Beacon
Red, Crimson & Dk. Red.....	Commander Koehl Rewi Fallu
Maroon & Black Red.....	Black Opal Arabella
Light Mauve, etc.....	Minuet Isola Bella
Med. & Deep Mauve, etc.....	Gertrude Swenson Highland Chief
Purple.....	Charles Dickens King Lear
Light Violet.....	Blue Beauty Allegro
Med. & Dark Violet.....	Blue Admiral Robert Burns
Smoky, etc.....	Zuni Jalna
Pk. ++ Cre. or Y.....	Aladdin Angelus
Lt. Colors + Dk. Blotch.....	Margaret Beaton Zauberflote
Any other color.....	Vagabond Prince

New England G. S. 1939

White.....	Maid of Orleans Star of Bethlehem
Cream.....	Shirley Temple Mary Elizabeth
Light Pink.....	Debonair Rosemarie Pfitzer
Light Yellow.....	Golden Chimes Golden Cup
Deep Yellow.....	Golden Goddess Gate of Heaven
Buff.....	Wasaga Duna
Yellow Orange.....	Bit o' Heaven Brightside
Red Orange.....	J. S. Bach Barcarole
Salmon Pink.....	Picardy Betty Nuthall
Deep Pink.....	Peggy Lou Phyllis McQuiston
Light Rose.....	Rima
Deep Rose.....	Red Lory
Scarlet.....	Beacon Dr. F. E. Bennett
Red.....	Commander Koehl Rewi Fallu
Dark Red.....	Black Opal Dr. Hoeg
Light Lavender.....	Minuet Isola Bella
Dark Lavender.....	King Arthur Gertrude Swenson
Purple.....	Charles Dickens Takina
Lt. Violet.....	Milford Blue Beauty
Dk. Violet.....	Pelegrina Blue Admiral
Smoky.....	Mother Machree Bagdad
Any other color.....	Vagabond Prince

COLOR CLASS TABULATION OF 1941 WINNERS IN U. S.

This tabulation of 1941 winners in U. S. includes those of major gladiolus societies only. We are using the 1942 MIDWEST classification which adopts the N. E. G. S. color classification but rejects the type-by-form idea on the ground that numberless glads vary from double row floret formation to staggered row or stepladder form, making them impossible to definitely classify by form.

The MIDWEST group is composed of the Ohio, Indiana, Illinois, Michigan State, S. E. Mich., Wisconsin, Minnesota and Iowa Gladiolus Societies and the Mich. Horticultural Soc. Their 2nd annual show will be at La Porte, Ind., Aug. 15th and 16th, 1942, host, the Ind. State Society. The MIDWEST classification is based on size, which all of us can understand.

Varieties are listed within their classification in the order of **OUR** preference, reflecting **OUR** opinion of their relative worth. The number following the variety name indicates the number of color class first prize and better awards (sectional champs, etc.) we have recorded for it. 1941 only.

Exhibition	Large Decorative	Medium Decorative	Small Decorative
100 Series (5½ & up)	200 Series (4¾—5¾)	300 Series 3¾—4¼	400 Series (3¼ & down)
100 White — Crystal 8 Matterhorn 3 Star of Bethlehem 10	200 White — Myrna 18 Maid of Orleans 32 Lord Selkirk Snow Princess 6	300 White — White Butterfly 7	400 White — Sub Deb 8
101 White + Margaret Beaton 30	201 White + Silentium 1 Surfside 9 Edith Grace 11 Ariadne 6	301 White + White Orchid 3	401 White +
106 Cream June Bride 2 Shirley Temple 18 White Gold 9 Bingo 12	206 Cream Jersey Cream 7 Ivory Keys 4 Lady Jane 1 Eulides 5	306 Cream Mary Elizabeth 12	406 Cream
110 Light Yellow Sir Galahad 7 Golden Galleon	210 Light Yellow Jim Holland 2 Golden Chimes 21 Royal Gold 7 Jasmine 7	310 Light Yellow Mary Damaris 4 Primate 5	410 Light Yellow
112 Deep Yellow	212 Deep Yellow King Midas 7	312 Deep Yellow Golden Goddess 11 Amberglow 6 Mother Kadel 8	412 Deep Yellow
116 Buff Helen of Troy 15 King William 6 Gunpowder 5	216 Buff Amulet 2 Paradise 13 Chamois 1	316 Buff Donna 3 Wasaga 13 Duna 6	416 Buff
122 Orange Bobby Dazzler Diane 8 Col. Wm. Light Lucifer 7 Coral Glow 14	222 Orange Acca. Laurentia Hurricane 6 Dazzler Betty Nuthall 10	322 Orange Pinocchio 5 La Fiesta 9 Bit o' Heaven 20 Creve Coeur 7	422 Orange Orange Butterfly 15 Olive M. Brown 3
130 Light Salmon Picardy (Note) N. Z. Splendor 4 King of Hearts 10 K. & M. Triumph 1	230 Light Salmon H. B. Pitt 1 Jeanie 7 Glamis 2 Carillon Don Bradman	330 Light Salmon Intrepid 7 Mrs. Cal. Coolidge	430 Light Salmon Zona
132 Deep Salmon Aladdin 20 Miss N. Zealand 11 Smiling Maestro 7	232 Deep Salmon Spitfire 3 Treasury Gold 9 Fascination	332 Deep Salmon Margaret Fulton 14	432 Deep Salmon Nadia 1
136 Scarlet Tunia's Triumph 2 Walk Over 3 Tip Top 14 Mr. Van Tienhoven	236 Scarlet St. Edward Algonquin 12 Beacon 16 Mrs. Rich. McGovern 11	336 Scarlet Frohsinn 1 Firefly 3	436 Scarlet Perky 2 Coral Bells 5
140 Light Pink Stella Antisdale 7 Grand Opera 7 Candy Heart 2 Pacemaker Merry Widow	240 Light Pink Greta Garbo 11 Rosemarie Pf. 10 Camellia 8 Corona 1 Rima 12	340 Light Pink Janet Pursell New Era 20 Betty Coed 5	440 Light Pink

Note—Picardy won several firsts in most shows, competing with other varieties only for Section and Grand Champion. Since most of its firsts were against itself exclusively, the number of wins had were not based on the above system of comparison.

Exhibition	Large Decorative	Medium Decorative	Small Decorative
100 Series (5½ & up)	200 Series (4¾—5¾)	300 Series 3¾—4¾	400 Series (3¼ & down)
142 Deep Pink Peggy Lou 28 Marguerite 8 California 2 Vista Bonita 11 Wings of Song 20 Flora Farmer 10	242 Deep Pink Pink Selection 2 Frank J. McCoy 9	342 Deep Pink Frostpink 2	442 Deep Pink
150 Light Red Dr. Verhage 1 Mammoth Ohio 3 Ohio Nonpareil 7 Del Ray 5	250 Light Red Globe Trotter Gypsy Lass Recovery 14 Red Phipps 7	350 Light Red	450 Light Red Kewpie 10
152 Deep Red Hind. Memory 13 Rodney King Click 3 Red Charm 4 Com. Koehl 19	252 Deep Red Jules Amott 18	352 Deep Red	452 Deep Red
154 Black Red Rewi Fallu 28	254 Black Red Black Opal 13 Midnight Red 3 Moorish King 3	354 Black Red Oeganda 2 Malay Chief 4 Morocco 7	454 Black Red
160 Light Rose Courtts' Orchid 6 Festival Queen Dr. Dentz Sensation 2	260 Light Rose Rosa Van Lima 17 Southport 6 Excell 5	360 Light Rose	460 Light Rose Accolade 4
162 Deep Rose Harman 2 Exquisite 1 Vela Rosalie 4 Timbuctoo 4	262 Deep Rose Chamouny 10 Leona 20 Redwin 3 Red Lory 19 Dream o' Beauty 11	362 Deep Rose Early Rose 5	462 Deep Rose Crinkles 8
166 Lavender Minuet 33 King Arthur 15 Eliz. the Queen 3	266 Lavender Lav. Ruffles 16 Isola Bella 5 Badger Beauty 3	366 Lavender Gert. Swenson 5 Beautiful Ohio 4 Early Melody 3 Colonial Maid 7	466 Lavender Queen of Bremen 6 The Orchid
170 Purple Mrs. Mark's Mem. 2 Takina 11 Rameses 3 King Lear 13	270 Purple Herbstfreude 3 Purple Supreme 2 Purple Beauty 8 Elanora 2 Purple Classic 15 Charles Dickens 17	370 Purple Gloaming 10	470 Purple Taurus 4
176 Light Violet	276 Light Violet Blue Beauty 16 Blue Wonder 4 Raysheen 5 Winall 1 Millford 10 Ave Maria 11	376 Light Violet Allegro 4	476 Light Violet
178 Deep Violet Tunia's Blue 3	278 Deep Violet Blue Admiral 12 Pelegrina 15	378 Deep Violet Oberbayern Rudolf Serkin 3	478 Deep Violet
180 Smoky Misty Dawn 4 Chief Multnomah 5 Bagdad 4 Jalna 5	280 Smoky Pastel High Finance 4 Zuni 10 Mother Machree 11	380 Smoky	480 Smoky
190 Any Other Color R. B. 14 King Tan Abe 6	290 Any Other Color Vagabond Prince 33	390 Any Other Color	490 Any Other Color Louis Hemon

IND. SOC. 1941 SYMPOSIUMS

Selections limited to varieties actually grown.

Ten Best Standard Varieties: 1 Picardy. 2 Minuet. 3 Maid of Orleans. 4 Dream O' Beauty. 5 Golden Chimes. 6 Betty Nuthall. 7 Debonair. 8 Red Phipps. 9 Rajah. 10 Miss Bloomington.

Fifteen Best Recent Varieties: 1 Peggy Lou. 2 Beacon. 3 New Era. 4 Coral Glow. 5 Vagabond Prince. 6 Rewi Fallu. 7 Margaret Beaton. 8 Aladdin. 9 Shirley Temple. 10 Blue Admiral. 11 King Lear. 12 Barcarole. 13 Beautiful Ohio. 14 Predominator. 15 Vista Bonita.

SO. AUSTRALIA SOC. (S. A. G. S.)**1940 SYMPOSIUMS****Held at Nov. 16, 1940 annual show:**

- 1 Mrs. E. Both. 2 Harmau. 3 St. Edward.
4 S. A. Errey, 5 Rawhiti. 6 Red Ensign.
7 Rosalie (Burgess). 8 Algonquin.

S. A. G. S. 1940 general popular symposium:

- 1 Mrs. E. Both. 2 St. Edward.
3 Harmau. 4 Rawhiti. 5 Tunia's Marvel.
6 Blue Wonder. 7 Tunia's Triumph. 8 Golden Chimes. 9 Rosalie (Burgess). 10 Red Ensign.
11 Com. Koehl. 12 Fascination (Both).
13 Marlene. 14 Crystal. 15 Queen Mary.
16 Mrs. Blanden. 17 Col. Wm. Light. 18 Rewi Fallu. 19 Mammoth White. 20 Century Lavender. 21 D. A. Hay. 22 Jhr. Von Tets.
23 Mayflower. 24 Corangamite. 25 Golden Goddess. 26 Shot Silk. 27 Tasman. 28 Rose Dawn. 29 Wings of Song. 30 Sir Geo. Murray.
31 Salbach's Orchid. 32 Mrs. V. J. Stevens. 33 Joh. S. Bach. 34 Harry Periam. 35 Joh. Straus. 36 Algonquin. 37 Jalna. 38 Picardy. 39 Schwaben Girl. 40 Royal Gold.

S. A. G. S. 1940 Symposium by color.**White:** 1 Crystal. 2 Jhr. Von Tets. 3 Mammoth White. 4 Tunia's Snowball. 5 Snow Princess.**Yellow and Orange:** 1 Golden Goddess. 2 Golden Chimes. 3 Dazzler. 4 S. A. Errey. 5 Regenbogen.**Pinks:** 1 Mrs. E. Both. 2 Harmau. 3 Rawhiti. 4 Fascination. 5 D. A. Hay. 6 Marlene. 7 Picardy.**Blues and Mauve:** 1 Blue Wonder (a run-away-vote). 2 Centenary Lavender. 3 Salbach's Orchid.**Smoky and any other color:** 1 Vagabond Prince. 2 Queen Mary. 3 Jalna. 4 Recado.

We are growing stocks of all the new ones in the above lists not yet released to sale in U. S. and will be free to list them in our 1943 catalog.

GRAND CHAMPION BLOOMS

The Grand Champion Bloom of the Show is, ipso facto, a sweepstakes award to the best spike in the Exhibition, wherever found.

Some (not many) hybridizers and catalogers are very loose in their use of the words "Winners," "Champions," etc. For your own protection, scrutinize these assertions closely and see if the winning is identified to time and place. An honest introducer of new varieties will be reasonably sure to specify rather than generalize or use language intended to deceive.

In recent years many of the larger shows have provision for Com'l. Div. Champions in the Exh., Dec. and Sm. Dec. types, repeating the 3 champions in the Advanced Amateur Div. Topping off these, many shows make further provision for Grand Champion Bloom of the Show. Some shows have provision for Champion Seedling Bloom.

Grand Champions in major shows about the world inside the last eleven years follow:

Abe—Wash., '40.**Aladdin**—Ind., '38; Yakima and Winnipeg, '39; 2nd Calgary show, '40; East Bay, '41.**Algonquin**—Sioux City and Grants Pass, '41.**American Commander**—W. Va., '40.**Bagdad**—Quebec, G. S., '35; Yakima, '38; Pa., '39.**Beacon**—Wash., '38; Wellsville, O., '39; Utah, '41.**Betty Nuthall**—San Leandro, '31; Utah, '35.**Blue Beauty**—Haarlem, '36.**Blue Wonder**—Tasmania, '41.**Canberra**—Wash., '34.**Chamouny**—E. Bay, '40.**Colossus**—Metro., '39.**Commander Koehl**—Wash., '32; East Bay, '35; Regina, '38; Hamilton Dist., '40.**Coryphee**—Wash., '33.**Crystal**—So. Australia G. S., '37; Wyo., '41.**D. A. Hay**—Winnipeg, '32.**Dazzler**—Ohio, '38.**Del Ray**—Ill., '38, Nebr., '41.**Ethel Cave Cole**—2nd Calgary, '41.**Fairy Tale**—Haarlem, '31.**Ferdinand's Fancy**—Utah, '40.**Festival Queen**—Sydney, Austr., '41.**Flagship**—C. G. S., '39.**Frank J. McCoy**—A.G.S., '34; Ill., '35; Ohio, '35; N.E.G.S., '35, '36, '37; Metro (NYC), '36, C. G. S., Ames and Sioux City, '38; Conn. and Saskatoon, '39; Ill., '40.**Gertrude Swenson**—Pac. N. W., '41.**Harmau**—Queensland, '40.**Helen of Troy**—Grants Pass, '40.**Heritage**—Wisc., '34; Grants Pass, '37, '39.**High Finance**—Mah., '37. (2nd Show)**Hindenburg's Memory**—Parramatta, N. S. W., '39.**Joh. S. Bach**—Vancouver, '35, Wash., '37.**Jubilee**—Ohio, '37.**Keystone**—Pa., '40.**King Click**—Ohio, '40; S. E. Mich., '41.**King Midas**—Blue Ridge G. S. (Md.), '39.**Leona**—Md. '41.**Lord Selkirk**—Minn., '38, '39; Winnipeg, '40.**Lucifer**—R.H.S., So. Australia, '35.**Luminosa**—Utah (1st show), '39.**Maid of Orleans**—Mah. G. S., '36.**Margaret Beaton**—E. N. Y. (Rhinebeck) and Ind., '40.**Margaret Fulton**—Pa., '36.**Marguerite**—Wash., '39.**Marseillaise**—Wisc., '41.**Maunga**—Miramar, N. Z., '34.**Maxwellton**—Algona, '39.**Melrose**—Melbourne, '39.**Mildred Louise**—Ohio, '33.**Minuet**—Iowa G. S., '35, '37; Ind. G. S., '37.

Miss New Zealand—Marlborough H. S., '32, '33; Ballarat, '35; Dunedin, '35; N.Z.G. S., '36; Calgary (Aug. Show), '37; Minn., '37. Sioux City, Omaru, N. Z., Launceston, Tas. (shown with 12 open), N.Z.G.S. (2nd day), and Thunder Bay, all '39. Regina and Wilkie, '40.

Mother Machree—Ohio, '32; Conn., '35; Ill., '36; E. S. G. S., '40; C. G. S., '41.

Mr. Fred'k Christ—Ohio Fair, '32, Ballarat, '32.

Mr. W. H. Phipps—Ill., '32; N. E. G. S., '34; Grant's Pass, '36.

Mrs. E. Both—So. Austr. G. S., '40.

Mrs. Robert Nash—N. Z. G. S., '37.

Mrs. G. G. Errey—Glad. Sec. of R.H.S. of N.S.W., '37; Hobart (Tas.) and Malvern (Vic.), '39 and '41.

Myrna—Md., '39; E. N. Y. (N. Y. City), '40; W. Va. and Pa., '41.

New Era—Midwest, '41.

New Zealand Splendor—Lyttleton, N. Z., '39; Mah., '41.

Oregon State—E. N. Y. G. S., '41.

Our Selection—Ballarat (2nd show), '32; Malvern, '35; Cedar Rapids (Ia.), '37; Canterbury (Vic.) and Sandringham (Vic.) '39.

Pacemaker—Mah. (2nd show), '39.

Peggy Lou—Mah. G.S., '37, '38; N.E.G.S. Brockton, East Bay and Wellsville, '38; Mah. (1st show) and Mich., '39; Wisc., '40; Cedar Rapids, '41.

Pfitzer's Masterpiece—Calgary (1st show), '39; S. E. Mich., '40.

Picardy—C. G. S., '32, '34, '35, '36; Calgary, '34, '35; A.G.S., '35, '36, '37; Empire S. G. S. (N. Y.), '35, '36; Port Arthur, '35; Minn., '35; Winnipeg, '33, '36; Conn., '36; Metro., Mid-South, Ill., Md., Pa., Sunnyside (Yakima Valley G. S.), Hamilton (Ont.) Dist., all '37; N. E. G. S., Wisc., Iowa, Cedar Rapids, 2nd Calgary, all '38; Marion Co. G.S. (Ind.), So. East Mich. G.S., Ames, Mid-South, Wisc. and East Bay, all '39; Iowa, Cedar Rapids, Sioux City, Quebec, Mich., N. E. G. S., all '40; Marion Co., Ind. and E. S. G. S., '41.

Pink Selection—Tasmania (Feb.) '38.

Pirate—Utah, '38.

Pititi—Papanui, '34; Timaru (N. Z.), '39.

Queen Mary—Winnipeg, '34; Seddon (Vic.), '39; Minn., '40.

Rapture—Mid-So., '38.

Rangatira—N.Z.G.S. (1st day), '39.

Recovery—Blue Ridge (Md.), Marion County (Ind.), '38; Ill., '39.

Red Lory—Wash., '35; East Bay, '36; Auckland, G. S., '36; Snohomish Co., '39; Maine and Yakima, '41.

Red Phipps—Century of Progress, '33.

Reverie—Utah (2nd show), '39.

Rewi Fallu—Hasting (N. Z.), Wellington (N. Z.), '39; 2nd Ohio, '41.

Rose Defiant—Wellsville, O., '40.

Rosemarie Pfitzer—Winnipeg, '35; Woolston, '36; C. G. S., '37; Calgary (2nd show), '39; 1st Calgary, Edmonton and C. G. S., all '40.

Rosex—2nd N.E.G.S.—Brockton, '38.

Sensation—Hamilton, '41.

Shirley Temple—Eastern N. Y. G. S., '39; Sheboygan, Ill. and N.E.G.S., '41.

Silvery Teton—Marion Co., (Ind.), '40.

Sir Geo. Murray—So. Austr. G. S., '38.

Smiling Maestro—Wash., '41.

Snow Cruiser—Ohio, '41.

Southern Command—Dunedin (N. Z.), '39.

St. Edward—Kensington (So. Australia), '37.

Star of Bethlehem—Minn., '36.

Stella Antisdale—Ohio, '39.

Sunnyside—At six shows, Australia, '31; Ballarat, '35 (2nd show); Box Hill (Vic.); Blackburn (Vic.) '39.

Tanui—Christchurch, '33.

Tasman—Nelson (N. Z.), '39; Freemantle, W. Austr., '39.

Thriller—Mich., '41.

Tip Top—Peterboro (Ont.) Hort., '36, '37; SW. Va., '41.

Vagabond Prince—Algona, (Ia.), '40; Ames, '41.

Wings of Song—Iowa, '39; Md., '40.

Zuni—Grants Pass., '38; Thunder Bay, '40. Regina, '41.

CHAMPION SEEDLING BLOOMS

Following seedling champions were not merely winners in their classes of certain types. They were champion seedlings, all types competing. Not many Prize Schedules make provision for this competition, it being most popular, apparently, in Ohio, Australia and New Zealand.

Blue Wonder—(E. Both) So. Australia G. S., '35. (Was also runner-up for open grand champion.)

California Rose—(Salbach) East Bay, '39.

Caroline Werner Gannett (Chamberlain)—E. S. G. S., '37.

Col. Wm. Light (E. Both)—So. Australia G. S., '36.

Crystal (E. Both)—So. Australia G. S., '37.

Fairy Tale (Pfitzer)—Haarlem, '31 (was also grand champion.)

Frostpink ornatus (Evans)—Mahoning G. S., '33.

Gertrude Swenson (Swenson)—Ballarat, '28, '29; Victoria, '32.

Grand Slam (Salbach)—San Leandro, '32.

High Finance (Wilson)—Mah., '37 (was also grand champion.) (2nd Show)

Hurricane (Evans)—Mah., '41.

Icelander (Evans)—Ohio, '37.

King Click (Wilson)—Ohio, '40 (was also grand champion.)

King William (Schenetsky)—Conn., '37.

Mary Elizabeth (Dr. H. W. Stevens)—N. E. G. S., '30.

Merry Widow (Evans)—Mahoning G. S., '31.

Milford (Rides)—N.Z.G.S. (Canterbury) '34.

New Era (Ellis)—Ohio, '35.

Pacemaker (Evans)—Ohio-Mahoning, '34.

Peggy Lou (Wilson)—Pa. G. S., '37; Mah., '37 (also grand champion at latter).

Rawhiti (Juryan)—N. Z. G. S. (Christchurch), '35.

Rewi Fallu (Fallu)—So. Australia G. S., '32.

Sir Geo. Murray (E. Both)—So. Austr. G. S., '38 (also grand champion).

Snow Cruiser (Evans)—Ohio, '41 (also grand champion).

Spitfire (Evans)—Ind., '38.

Stella Antisdale (Evans)—Ohio, '39 (also grand champion).

Thriller (Evans)—Mich., '41 (also grand champion).

Tunia's Marvel (E. Both)—So. Austr. G. S., '40.

Tunia's Triumph (E. Both)—So. Australia G. S., '34.

Whero (Burns)—Normandy, '33; Wauhanui, N. Z., '33.

GLADIOLUS SEED

Demand for our hybridized seed increases. This season we set only such crosses as appealed to us for our own experimentation. We cropped more seed but have less crosses to offer. We bloomed some marvelous seedlings securing champion seedling at W. Va. and Mahoning and both champion seedling and grand champion bloom of the show at the highly competitive shows of Ohio state and Michigan state. Beyond question, growing seed offers unparalleled excitement to the glad fan. Our quality list of seed crosses will be found on page 14.

AT THE 1941 SHOWS

It is difficult to appraise the attitude of the reader respecting reception of data relating our personal winnings at shows, or even that of our customers.

From year to year we have been shortening this discussion. Partly because interest centers chiefly upon what variety won rather than upon who won.

We doubt if any person or gladiolus concern in America has won half as many first awards and special prizes in major glad shows in the last 10 years or more as it has been our good fortune to obtain.

Because of the advantage we have with our stocks of the newest varieties, heretofore used in competition with so many of our own customers, we now minimize our entries in the commercial color spike classes and devote ourselves mostly to Recent Introductions and Seedling Divisions.

Before our blooming season had hardly started we took a handful of bloom to the **Mahoning Soc. 1941 show**. Here our seedling Hurricane was champion seedling. We won as well with Joh. Bach, Myrna, Excell, Exquisite, Harmau and Stella Antisdale. Our unusually early spike of New Zealand Splendor was grand champion.

A few days later we visited the **W. Va. show** at Wheeling. Here we won again with Harmau and Stella Antisdale. Likewise with K & M Triumph, Candy Heart and Midnight Red, among others. Our very large, blotched

yellow seedling, 73395, was champion seedling.

At **Wellsville** (Ohio) glad show, most particularly, our two seedling pals Spitfire and Hurricane both won for us as did our entry of Jeanie, an outstanding beauty if there ever was one.

At the **Midwest** show in Chicago we won in the 3 spike classes with Crystal, Tunia's Triumph, Jeanie, Vista Bonita and our seedling Hurricane, Jules Amott, Elanora and Chamouny also collected blue ribbons for us. Other winners of which we took particular note were Stella Antisdale and Diane, entered by J. R. Hopkins. The spike of Diane carried 9 open, immense florets in full double row formation, a perfect spike with over twice the bulk of bloom and almost twice the height of the New Era grand champion. Stella Antisdale always comes in double row formation and this particular entry turned out to be very bad luck for a good spike of Ethel Cave Cole. Margaret Beaton won in four sections.

At the **Michigan** state society show, Kalamazoo, a peak of good bloom in our "fancy" field brought us 30 firsts, 8 seconds and 8 thirds. Our smooth and soft reddish salmon seedling, No. 83612, since named "Thriller," with light creamy blotch, with eight wide open, big round florets on very stretchy flowerhead was Champion Seedling and Grand Champion Bloom of the Show. It also won the President's Cup and the Mich. Certif. of Commendation, scoring 85½ points, highest score award of the show. This seedling is not Spitfire as was erroneously reported in several publications.

Our seedling Spitfire, No. 83553, here won its second American Home Achievement Medal for the year.

The giant R. B. won for us in the recent introductions section, also for largest floret, also for best Canadian introduction against numerous entries, winning the Canadian Gladiolus Society Medal. We won with 4 of the 6 patented glads.

As usual, we won the Mich. society Silver Medal for most points in the Recent Introductions section. Here seven outstanding spike winners were considered from which to select the R. I. section champion. All seven were ours. Algonquin was finally chosen from among equally fine spikes of Crystal, Greta Garbo, Stella Antisdale, Hurricane, Red Lightning and Coutts' Orchid. This section champion won the Stancer Challenge Cup.

Nevertheless, our Coutts' Orchid entries undoubtedly attracted more attention than any other named variety in the show and won for us also in the 3 spike section, becoming first section champion and later runner-up for grand champion, enough honor for any glad.

Making close connections, we drove home on the second day of the Mich. show, collected more spikes and drove that night to

the **S. E. Mich.** gladiolus society show at Detroit. Here we collected 76 points. Probably our best entries were Crystal, Herbstfreude, R. B., Mardi Gras, Helen of Troy which was runner-up to grand champion (King Click) and Coutts' Orchid, which won again in its color class and in the broader field as best Canadian introduction. This society is expanding its membership and improving its show at a fast pace.

On our way home (without bloom) we visited the **Ind.** glad society show at Wabash. This show had a very large schedule and the classes were exceptionally well filled with fine bloom. We found several Ohio society members with the urge to exhibit and the wherewithal in good blooms had crossed the border to challenge the Indiana residents. (Practicing, perhaps, for the big Midwest show which the Ind. society will sponsor this 15-16 of August at the big Auditorium at La Porte. If you live within 500 miles, we highly recommend that you attend.)

At this Wabash show the seedling section was heavily laden with good entries, evidencing a rapid step-up of seedling interest in that state. A large orange seedling via pollen of Spitfire taken from our champion seedling bloom at Ind. '38, entered by Paul Pletcher, interested us most. Sectional champions were King of Hearts, Black Opal, Intrepid, Peggy Lou (2), Pelegrina and Wings of Song. Grand Champion went to a white seedling, also by Paul Pletcher.

Our big **Ohio** society show was staged again in the immense Convention Hall at Cedar Point. Ohio shows have a well earned reputation for stressing the new varieties. Recent introductions predominate even in the regular color divisions. ("Come and see us some time.")

At the Ohio show we collected a rather topheavy score of 187 points, winning the N. E. G. S. Silver Medal for commercial point achievement. We entered both R. B. and Coutts' Orchid for best Canadian introduction and R. B. nosed out Coutts' Orchid. Each had won for us in same special class at Kalamazoo and Detroit, thus winning the third Canadian Gladiolus Society Medal.

At this show we made a large commercial display of some 30 feet of length, comprehensive collection of labeled varieties. We have never failed to win in this class in Ohio (though we did once in the A. G. S.)

We won 11 firsts in the arrangements section and the Wood Cup for the best handle basket, using Jersey Cream.

As usual we won point achievement (and the Midwest Gold Medal) in the Recent Introduction section. Here we won a N. E. G. S. sectional champion Rosette with a giant spike of Grand Opera which towered about a foot above its neighbors and had several open blooms, all of them about 7 inches across.

Our seed hybridizing produced another winner with a listing of triumphs almost equal to that obtained by the all time record breaking Stella Antisdale. Our seedling No. 83823, named Snow Cruiser, won its blue ribbon in the white seedling class. Then it became Exh. section seedling champion and secured the special N. E. G. S. Seedling Rosette for that distinction. Then it was selected as Champion Seedling of all types, including as well the 3 spike entries. Then it was taken over to the special group of sectional champions from all sections of the show—the finest group of spikes from which to select a grand champion that it has ever been our lot to see at any show, anywhere, any time. (We have seen well over 100 shows in U. S. and Canada.) Among these spikes the Grand Opera spike mentioned, immense spikes of Ohio, Nonpareil, Mrs. Richard McGovern, Treasury Gold and Peggy Lou. Also a spike of Queen Helen, a cream seedling and another spike of Grand Opera (last 2 from our commercial display). And a big purple seedling since named "Purple Supreme," with light halo edge by Wilson. And our seedling Snow Cruiser, pure snow white with but $4\frac{1}{2}$ florets open, but all in the neighborhood of $7\frac{1}{2}$ inches diameter. When the judges finished voting, Snow Cruiser was Grand Champion of the Show and won the Ohio society Grand Champion Trophy. As Champion Seedling it won the "Evans Seedling Trophy."

What do we do with all the medals, cups, trophies which we win by the dozen every year? Well, for years we have been returning them to the various societies to be offered again in their next prize schedules.

The following week end the Ohio society staged a secondary, 2 day show at the Garden Center in Cleveland. Most interesting to us were our wins with R. B., Herbstfreude, Dr. A. J. Verhage, Donna and our seedling No. 73567, a smoky red rose with a strong bluish tinged border over $\frac{1}{2}$ inch wide. At this show King of Hearts had largest floret, our Ruffled Princess most ruffled floret. Frank J. McCoy had most open, Roses of Picardy had longest flowerhead and Rewi Fallu was grand champion spike.

Taking some surplus bloom for the **Wisconsin** society show of same date, we drove 576 miles by night to Manitowoc, being first to arrive at the hall and having to rout the janitor out of bed to let us in. With what bloom our sturdy LaSalle could carry we here collected 111 points, our most spectacular wins being with Sir Galahad, Amberglow, H. B. Pitt, Grand Opera, Helen of Troy, Jim Holland and Herbstfreude. Marseillaise, the show champion, was a red not far from the color of Rodney.

"Your Guide Book better than ever—indispensable to the man who wants to win blue ribbons and compete for championships." 1-13-41. J. H. O., Wellesley Hills, Mass.

CANDID COMPARISONS

(at random)

With more bulbs of Harmau and Stella Antisdale at large this year, we expect their recognition as among the world's best glads by all who see them.

We introduced Rosa Van Lima some few years ago with remarks about its wonderful color value. This year we declare so all may hear that Coutts' Orchid and Jeanie and Bobby Dazzler and Pastel reach new and almost unapproachable peaks of color beauty. Years hence we want you to remember we told you so. Almost equally fortunate is the fact that all four of these varieties have size and high quality performance. If white can be said to have color beauty, then Silentium, with its smooth blending to a cream center containing a small carmine mark is also strikingly elegant.

When we add a small glad to our list you know it's good. It's "Perky." Look it up.

The patent glads have proven their worth for exhibition in the stiffest possible competition.

Picardy has passed its peak. No longer can it take down 8 or 10 grand championships per year in major glad shows. Last year it only collected two, while Myrna, Algonquin and Red Lory did as well and Shirley Temple did one better. In fact, Picardy is being attacked for this honor by glads in most other colors now. Moreover, our catalog listings move so fast that glads just over their peak are likely to suddenly disappear, so do not be surprised if you have to buy your Picardy elsewhere next year. (Sic transit gloria). Note. Watch H. P. Pitt.

Our glads are 100% free of mosaic and fusarium.

If Hurricane did not do a bit of crooking in extremely severe temperatures you would have to lay down plenty hard money to acquire some. As it is, if you buy some glads known to do a limited amount of crooking, as Amberglow, Margaret Beaton, Shirley Temple, Miss New Zealand, Raysheen, because otherwise they are so grand, then Hurricane is a "must have."

Don't let differing type classifications get your goat. All and sundry are working and experimenting toward a common goal. Its not one of those "East is East and West is West and ne'er the twain shall meet" affairs.

If you place an order for sample lots of varieties to try, this year we will give a valuable word of advice. Somewhere in the following list of glads there is a size between a large bulb and a bulblet that will fit your pocketbook. If you fail to include every single one of them you will be overlooking some of the most wonderful new glads to be had at reasonable price. But for a few cranks and crooks always laying in wait to take advantage of such offers, we would be fully justified in offering them to you on a guarantee of

satisfaction or money back basis. Here they are. Be sure to order samples, at least: Coutts' Orchid, Crystal, H. B. Pitt, Harmau, Helen of Troy, Jeanie, R. B., Rosa Van Lima, Sir Galahad, Stella Antisdale. Yes, that's ten of them and this is one of those "I told you so" things we ask you to recall four or five years hence.

Our mistakes in cataloging over a 14 year period have been negligible. Our customers get to recognize this and most hybridizers would like to see their originations appear in our most carefully considered listings. We fear we may have erred in calling Dr. A. J. Verhage a good commercial. We thought it was about flawless but last year bulblet production and germination were too low with us to warrant the commercial designation. For two years previously its propagation seemed satisfactory.

Our thrill is in discovering the best of the new ones. Sometimes in our trial lots of imported varieties, sometimes at the 8 or 10 shows we attend each year, sometimes right among our own seedlings. But our greatest thrill last season came from a bloom from a peeled bulblet of one of E. Both's varieties which we are propagating as fast and furiously as possible pending their release by the U. S. government to public sale. This was the variety "Tunia's Mahomet." Unfortunately it is not included in that group of six giants we have pictured on the back cover of this booklet, but we are inclined to believe it must be bigger still. This peeled bulblet did outdo its fellows of the same variety but only to degree. It first made a plant approximating the size of the average plant from large bulb of average variety. This all in open field from start to finish, with no shading or tent or other special pampering other than some fertilizer applied at time of planting, water irrigation a couple times when rain was deficient. A sturdy spike over 40 inches high emerged, with 14 buds, six open, $7\frac{1}{4}$ inch floret, diminishing but little up the spike. Color is a rather smooth orange toned smoky plum rose with orange scarlet blotch, as near as we can describe it now. Seems like a confusing description of so smooth a color, but its a beautiful smoky. Our visitors, who in September after we are home from the shows frequently overlap from breakfast to midnight, marveled at this spike for over a week. We could hardly wait for each floret to appear in order to set some pollen on it. Each with a different cross all the way up the spike. Later about 20 more bulblets bloomed and varied from 6 to 12 buds, with its size still much in evidence. These were used to duplicate the other crosses made, thus making it possible to list many of them in our listing of seed crosses.

Our business is growing by leaps and bounds. Our ability to answer correspondence on relatively unessential subjects has almost reached the vanishing point. We pack our booklet with 48 pages of answers to many

questions we get nevertheless. Every question vital to the selection and growing of good glads we think we have already answered somewhere in this booklet. If you seek and find a formula for some treatment of bulb or plant, read it all carefully. Not a word or sentence is surplus verbiage. We couldn't afford the room.

Horticultural costs have gone up and will go higher. Paper and printing and cartons, too. But, except the so-called standards our prices are down. Just a bit dumb, to put it mildly?

The interesting excerpts from customer letters scattered throughout this guidebook (in small italics) are mostly selected from individuals prominent in the industry or society officers. Had we time and space we could add hundreds more as interesting.

It's a rare glad if we can find no fault with it or at least some feature leaving room for some improvement. If we list a glad its good points have to be sufficiently outstanding to far outweigh any more or less serious fault.

This year we have reclassified our varieties into the more numerous color classifications adopted by the N. E. G. S. and Midwest. Many alterations are about to be made and likely not all our guesses will be followed. And because of our carrying the new tabulation of prize winners (page 4) there will be less mention of prize winnings in our variety descriptions.

Let us consider the bulk of bloom on a given flowerhead. Say 4 inches diameter and up. Plenty of 4 inch glads. Can it be possible that of two spikes with equal number of open florets, one can have twice the bulk of bloom of the other? Yes, you can imagine that to be possible. But, four times the bulk of bloom? No, impossible you say. Perhaps you counter—A floret just twice the diameter of another couldn't be four times as big. But you are wrong. Let us compare 2 spikes, one with five open 4 inch florets, the other with five open 8 inch florets. Here are the cold facts:

Diameter 4 inches, area 12.57 square inches.	
5 inches	19.64
6 inches	28.27
7 inches	38.50
8 inches	50.27

For a listing of the giants see the 100 series column in the tabulation of 1941 winners, page 4.

SIZE OF BULB TO BUY

If economy be the aim, do not rely on small bulbs to give wholly satisfactory blooms. The small bulbs will all bloom but medium bulbs almost always give far better than "medium" sized spikes of the given variety. Our descriptions usually indicate whether or not the variety is an exceptionally fine producer of blooms from the smaller sizes.

A number of varieties either have come into sufficient world production to warrant low price for large bulbs or bloom so unsatisfactorily from medium size bulbs that, for the protection of our customer, we omit the smaller sizes from our pricing. Likely, we have them if you insist but we recommend only the sizes offered.

Commercially, bulbs are graded into 6 sizes. Size 6 is under 1/2 inch diameter and other sizes range up every 1/4 inch, the Number 1 bulb being 1 1/2 inch up. Catalogs commonly offer bulbs as L (large) sizes 1 and 2) (1 1/4 inch up); M (medium) (sizes 3 and 4) (3/4 to 1 1/4 inch); S (small) (sizes 5 and 6) (1/4 to 3/4 inch) and Blts (bulblets, the little hard shelled cornels which cling at the roots of the bulb).

The size (bulk) of bulb you purchase determines the amount of food with which you are starting to produce a given spike. Below is a table giving the cubic inch of food content of the various sizes, figured at a diameter average for the given size, i.e., half way between its maximum and minimum size:

No. 6, up to 1/2 in., aver.	3/8, .027 cu. in.
No. 5, 1/2 to 3/4 in., aver.	5/8, .127 cu. in.
No. 4, 3/4 to 1 in., aver.	7/8, .350 cu. in.
No. 3, 1 to 1 1/4 in., aver.	1 1/8, .745 cu. in.
No. 2, 1 1/4 to 1 1/2 in., aver.	1 3/8, 1.361 cu. in.
No. 1, 1 1/2 up, aver.	1 5/8, 2.247 cu. in.
2 in. up Jumbo, aver.	2 1/8, 5.021 cu. in.

Note, curiously enough, that the big differences are between sizes No. 5 and No. 6 and between Number 1 and Jumbos which really average more than 2 1/8 inches. Normally, it is not until a bulb reaches large size that it loses its spherical form. A 3 in. Jumbo bulb may approximate a half sphere but such a bulb would contain 7.07 cu. in., about 5 times the food bulb of a No. 2 large bulb.

"Well, you did it again, only better. I refer to your catalog. It arrived today. It's just cram full of most everything a 'gladman' wants." 2-1-40. O. P. S., Athens, Mich.

"Have again received your catalog. Find more wealth of information in it than in any others and thank you for sending it." 2-8-40. E. A. L., Spring Green, Wis.

"As usual, your guide book is tops. Informative and comprehensive in its special features, highly selective in its listing of varieties, discerning in its descriptions and comments, it is a valuable reference book as well as a catalog." 4-5-40. Prof. C. F. K., Detroit, Mich.

"Received my order of bulbs in fine shape. Had expected some extras but was astonished and also pleased with extras, overcounts and oversize equal to my original order." 3-25-40. R. R. S., Hagerstown, Md.

"While in Customs getting the lot of bulbs from you I met our Canadian Inspector and he told me that the lot I was in for (your shipment) was as fine a lot as he had ever examined and every corn a perfect one in being absolutely free from defect, thrips or disease of any kind. That was getting real value for my money, particularly in view of the fact that your overcount and extras more than made up for the exchange, duty and express incurred." 5-26-40. J. W. McL., Ottawa Ont.

F. O. B. PURCHASES

If you wish to have bulbs sent transportation collect, we will be glad to add to the count on the varieties ordered to such an extent that the value of such extra count will safely exceed the transportation cost. We will not guarantee to match the count equivalent specifically offered in some F. O. B. catalog lists partly because we understand the quality of our own bulbs and partly because we are firmly entrenched with our idea that sample lots of varieties newer and/or better than those ordered are more beneficial to the buyer and we know the bulk of our customers like it. So, after the extra count mentioned is made, our generosity with extras will follow.

BARGAIN BULBS

A grower-cataloger of bulbs has certain inescapable costs: planting stock, use of land, its preparation, planting, cultivating, digging, hauling, curing, cleaning, grading, storage quarters, fumigating or other processes to combat insects and bulb diseases, advertising of one form or another, catalogs, postage, packing and shipping. There may be additional items of overhead such as clerical, irrigation, spraying, etc.

Bargain bulbs are made possible by skimping somewhere along the line, almost inevitably reflected in the quality of the flowers they produce.

PRICES

We try to quote prices at once as low as those of other reputable gladiolus specialists, and yet take all known precautions to supply healthy and pest free bulbs.

Note special cash discounts, next page.

Cash orders entitle the buyer to instant segregation and protection of their stock until proper time for delivery.

Our practice of overcounting and/or inclusion of samples equal or superior to sorts purchased, and of oversizing the smaller sizes when stocks permit, never fails to more than equalize any price fluctuations that may develop. A grower is known by the customers he keeps.

WHOLESALE PRICES

Bulbs and bulblets priced only per each are mainly new and scarce sorts and not yet commonly priced lower than the dozen rate price at wholesale. On such items, where stocks permit, to legitimate commercial growers, we will add as much additional stock as circumstances warrant. Particularly liberal to catalogers. On stocks offered per 100, the newer sorts are as low as we can quote them, considering our quality bulbs and our like promise to be as liberal as circumstances warrant. The more common ones, offered per 1000 by many growers, unless you demand our quality bulbs under above terms, these you will please order elsewhere.

However, we are prepared to submit wholesale quotations to parties legitimately entitled to such on about 30 items in our list, mostly the new and rare varieties.

TERMS OF SALE

Cash with order.

Delivery prepaid in U. S. Gladiolus shipments in February, March and April, or as soon as possible on orders arriving thereafter. We can ship in January south and southwest to those who plant that early and to catalogers, but Jan. and Feb. shipments must be limited as to extras mainly to overcount as it is not until about March 1st that we can determine the question of surplus fancies and allow such to go out as designated or unspecified extras. Thus an order from Minnesota asking extras from a list of Rodney, Herbstfreude, Coutts' Orchid, Silentium, etc., dated Jan. 10th and winding up "Please ship at once" is just going to be out of luck in the matter of this sort of extras.

Replacement or refund purchase price any bulb, root, plant or seed that does not prove true to name or does not arrive in condition herein represented. Bulblet germination is not guaranteed.

No substitutions will be made.

Orders received until planting but subject to stock being unsold. To get proper propagation of new sorts, it does not pay us to hold for further sale bulbs and blits priced only per each beyond May 1st. Order early. Our selling season is very short.

Notice to Canadian Customers: Presumably for the duration you will be unable to import bulbs. You may consult the Secretary of Destructive Insect & Pest Act Advisory Board, Dept. of Agric. Ottawa, Ont., on the question of securing permit and mailing label for bulbs costing a total of not more than 5 Canadian Dollars. However, if unable to place such small order for bulbs, you may, nevertheless, without application for permit, purchase our hybridized seeds.

Delivery prepaid to foreign countries in the Postal Union having the usual 14c per pound rate, provided war restrictions of one kind or another does not bar such delivery except that purchases at 100 rate prices should add at rate 50c per 100 for large bulbs and 20c per 100 for medium sized bulbs.

BULBS	Priced per each.
	12 sold at 10 rate.
	6 at 5 rate.
	25 at 100 rate.

Blits. Any Amount at Rate Offered.

"This is the first time in my 15 years of commercial flower growing that I have ordered bulbs or seeds from a distributor and then sat down and thanked him for the stock sent. But this is the first time in 15 years that I have received four times the original order." 4-4-40. H. E. B., Elmsmere, Del.

CASH DISCOUNTS

Cash discounts are applicable only to orders accompanied by cash in full.

Upon orders of \$5.00 up—only if received before Mar. 1st—10%

Upon orders of \$20.00 up—only if received before Mar. 1st—20%

These discounts do not apply to wholesale quotations, patented varieties, current 1942 introductions and releases (as is common practice in the gladiolus industry) or to hybridized seed. All such will be marked "Net" (i. e., no discount). For various reasons, varieties marked "Net" cannot be used as extras. So please exclude them from any list you may submit from which we may give as extras.

In addition, for retail orders from this catalog of \$25.00 net cash and up, you will receive free your choice of gladiolus society membership which will not cost us more than \$2.15 or one of the improved, mounted Fischer Color Charts. See page 47.

Heretofore, we have granted extra bulbs approximating the above cash discounts. However, we shall still continue, to some extent, to supply extras by overcount, oversizing or by varieties other than those ordered. (See space on order sheet to designate your wishes.) The reason for the March 1st time limit on the extra discount is this: For some years our orders have come piling in to a peak around the middle of the bulb delivery season, utterly swamping us and in some instances causing regrettable delay even on rush orders. Early orders permit a better spread of the delivery and office work. We must alter this situation, even if it costs us substantial money.

If your inquiry for catalog comes too late to get the special before—Mar. 1st discount, please do not ask for it as the reason for its existence has terminated. We send catalogs 2 years to inquirers, longer to customers of course, so you can be in plenty time another year.

OUR KEY SYSTEM A GREAT AID TO SELECTION

Varities are grouped by color classification for your convenience of comparison and selection.

Varities are critically described. Naturally, in a list such as this, consequential faults are few, nevertheless, attention is called to them. Show dates and references are to *first prizes* only. Room to mention but few. Symposium ratings refer only to those last published.

For thirteen years our variety descriptions have been praised generously, for the accurate visualization of the size of individual floret, the number open at one time, the total bud length of the flower spike, the prominence of markings, etc., made possible by the use of stars, daggers and other hieroglyphics.

We will tell you the size florets to expect, a * indicating large florets $4\frac{1}{2}$ to $5\frac{1}{2}$ inches diameter, ** indicating $5\frac{1}{2}$ to 6 inches and *** indicating extreme size 6 to 8 inches.

We explain the relative quantity of marking, + indicating with *obvious* markings, i. e., so evident as to arrest attention and — indicating without *obvious* marking.

We do not list varieties incapable of holding five florets open at one time. There are thousands of such varieties. We employ † to indicate many open (6-8) and †† to indicate an extreme number (9-16). If the total of open florets and buds make an unusually long spike, we indicate with a double dagger ‡ (15-18) and extreme †† (19-30).

We furnish the approximate blooming dates of varieties in this locality, checked to the best of our ability from experience of many years. Number after name indicates days from planting to blooming of large size bulb (L). Medium size (M) usually seven to ten days later. Dates not guaranteed since subject to change by excessive heat, moisture, drought, differing soil fertility and other conditions.

Abbreviations: L large bulb $1\frac{1}{4}$ in. up. M medium size bulb $\frac{3}{4}$ - $1\frac{1}{4}$ S. small bulb $\frac{3}{8}$ - $\frac{3}{4}$. Blts. bulblets, Exh., Exhibition Type. Dec., Decorative Type. Sm. Dec., Small Decorative Type. A. G. S. American Gladiolus Society. Ohio, Ohio Gladiolus Society. Mah., Mahoning Gladiolus Society. C. G. S. (Canadian). B. G. S. (British). E. Bay (California G. S.). San Leandro (The Largest flower show on western coast). A. M., Award of Merit. F. C. C., First Class Certificate. (Am), Amateur. Com., Commercial.

"What a thrill I have had this evening unpacking my order of gladiolus bulbs, bulblets and seeds. Every variety had either extras or larger sizes than ordered and in many cases it was both. And new ones to try. All in all—I never received such value for so little expended in all my gladiolus growing days—since 1921." 4-9-41. W. J. D., Detroit, Mich.

"The seeds came this morning, overcounted as usual 100%. Thank you very much. Growing those seeds is more fun than anything in gardening. As for the membership which you say is due me, since I already belong to many societies, don't bother. I don't see why any premium should be due after discounts, overcount, oversize and extras." 3-31-41. W. C. W. N. Y. City.

GROW SOME GLADIOLUS SEED

All glad fans should try some gladiolus seed. Most advanced amateurs already do attempt some hybridizing with their newest varieties or most favored colors. Gladiolus seed broadcast or planted thickly in close rows, covered about $\frac{3}{4}$ inch, kept on moist side and with at least partial shade, commonly produces bulbs $\frac{1}{2}$ to $\frac{3}{4}$ inches diameter the first crop. Most of these bloom the second year and selections may be made on color values, the bulb selected and its bulblets thereafter grown under number pending full performance from a large bulb.

All modern varieties were so produced, either from field collected or hand hybridized seed. Our seed offerings are genuinely hand hybridized. Literally hundreds watched us hybridizing our glads at the peak of our blooming season. Most of the pollen used was taken from protected florets opened indoors. Dr. Masek helped us again, as well. Our identification tags waved all over our field of "fancies" since, of most of the crosses listed, we hybridized an average of four pods.

No two seeds, even from the same cross and pod, produced flowers just alike, though they are likely to favor parent characteristics.

With about the most exclusive collection of "world beaters" to be found in the U. S., we have excellent opportunity to produce intriguing crosses, which in turn should rather consistently produce some seedlings above the average run of good standard varieties in each color class. They do for us. Witness that in 1941, in addition to quite a few blue ribbons, our seedlings won champion seedling award at W. Va., Ohio and Mich., two American Home Achievement Medals (W. Va. and Mich.) and two grand champion blooms of the show (Ohio state and Mich. state). The seed has equal chance to produce some good ones for you as what we plant is the unsold seed.

The only trouble is that we are as likely as not to part with some outstanding sorts worthy of introduction as a named variety. That may be your luck. If you grow such from our seed we should like first opportunity to introduce them for you.

It might be advisable to let you know that it is the custom in the gladiolus industry that the person who grows and segregates the seedling bulb is given the credit of being the "originator" of the variety if it is named and introduced—not necessarily the person who made the actual cross. If a lot of new "originators" do not appear in four to five years as the net result of our offering these select crosses we will be greatly surprised.

A considerable number of large bulbs of expensive new varieties are purchased at their current high prices principally with view of doing a little hybridizing. An average illustration:

Mr. X pays \$2 for a bulb of Bobby Dazzler and \$5 for a Spitfire, hoping to bloom them same day for crossing purposes. He could fail both this year and next, whereas, from our seed list he could secure and plant this year 10 seeds of above cross, each carefully fingered for plumpness for a total of but 40 cents, all hazards of production removed. Further, from our list, seed may be had of some varieties not yet released for sale and unavailable to non-importers at any price.

Permitting seed to set decimates bulblet production. Likely we sacrifice bulblets on rare new sorts to an extent that seed sales at these prices cannot remotely compensate us for this loss. Perhaps contribution to variety improvement will be our only compensation.

Try your luck and skill in selection of parents. Depending on stocks available we will try to be very liberal.

How to order. Order in units of 5 (minimum), 10, 15 or 20 (maximum) seeds of a given cross. The seed bearing parent is the first variety mentioned. Canadian and other foreign customers do not have to secure a permit to import seeds. Crosses are identified by number for your and our convenience. Order by number (as "5 seeds No. 201—\$.10"). Seed prices are Net (no discount).

GROUP A. SEEDS 2c EACH, NET

- 201 Acca Laurentia x Tunia's Triumph
- 202 Allegro x Grand Opera
- 203 Allegro x Pfitzer's Success (lt. blue)
- 204 American Commander x Greta Garbo
- 205 Amer. Commander x Spitfire
- 206 Chamouny x Spitfire
- 207 Crystal x Oeganda
- 208 Exquisite x Capeheart (flesh)
- 209 Harmau x Algonquin
- 210 Helen of Troy x Algonquin
- 211 Icelander x Bobby Dazzler
- 212 Icelander x Tunia's Triumph
- 213 Jules Amott x Mardi Gras (orange)
- 214 Jules Amott x Scarlet Glow
- 215 Matterhorn x St. Edward
- 216 Midnight Red x Candy Heart
- 217 Pfitzer's Success x Blue Wonder
- 218 Pink Ribbon x Gypsy Lass (lt. red)
- 219 Pink Ribbon x Redwin (dp. rose red)

- 220 Pink Ribbon x Vista Bonita (tall pk.)
- 221 Redwin x Grand Opera
- 222 Redwin x Ramesses
- 223 Rosa Van Lima x Spitfire
- 224 Silentium x Armada (Pf. red)
- 225 Stella Antisdale x Summerwealth

GROUP B. SEEDS 3c EACH, NET

- 226 73395 (** yellow +) x Algonquin
- 227 73395 (W. Va. '41 sdg. champ) x Winston
- 228 73395 x Hurricane
- 229 Aladdin x Helen of Troy
- 230 Bobby Dazzler x Candy Heart
- 231 Bobby Dazzler x Icelander
- 232 Bobby Dazzler x Myrna
- 233 Bobby Dazzler x Silentium
- 234 Crystal x Herbstfreude
- 235 Crystal x Peggy Lou
- 236 Don Bradman (tall, lt. sal.) x Hurricane

- 237 Donna x New Zealand Splendor
- 238 Elanora x Oberbayern
- 239 Golden Queen x Heidelberger Schloss (y)
- 240 Golden Queen x Lord Selkirk
- 241 Grand Opera x Greta Garbo
- 242 Grand Opera x Redwin
- 243 Greta Garbo x Dazzler
- 244 Greta Garbo x Dr. A. J. Verhage
- 245 Greta Garbo x Harmau
- 246 Greta Garbo x Helen of Troy
- 247 Greta Garbo x Winston
- 248 Gypsy Lass x Greta Garbo
- 249 Harmau x Coutts' Orchid
- 250 Harmau x Stella Antisdale
- 251 H. B. Pitt x Hindenburg's Memory
- 252 Helen of Troy x Donna
- 253 Helen of Troy x Margaret Beaton
- 254 Helen of Troy x New Zealand Splendor
- 255 Helen of Troy x Silentium
- 256 Hurricane x Big Top
- 257 Lord Selkirk x Golden Queen
- 258 Lord Selkirk x Helen of Troy
- 259 Margaret Beaton x Big Top
- 260 Margaret Beaton x Myrna
- 261 Margaret Beaton x Tunia's Triumph
- 262 Myrna x Bobby Dazzler
- 263 Master Myron (red) x Silentium
- 264 Master Myron x Treasury Gold
- 265 New Zealand Splendor x Donna
- 266 New Zealand Splendor x Helen of Troy
- 267 Spitfire x Harmau
- 268 Spitfire x Myrna
- 269 Stella Antisdale x Harmau
- 270 Stella Antisdale x Merry Widow
- 271 Stella Antisdale x Myrna
- 272 Treasury Gold x Donna

GROUP C. SEEDS 4c EACH, NET

- 273 Aladdin x Dazzler
- 274 Aladdin x Greta Garbo
- 275 Algonquin x Greta Garbo
- 276 Algonquin x Margaret Beaton
- 277 Bobby Dazzler x Spitfire
- 278 Candy Heart x Bobby Dazzler
- 279 Candy Heart x Harmau
- 280 Col. Wm. Light x Icelander
- 281 Col. Wm. Light x Myrna
- 282 Crystal x Helen of Troy
- 283 Crystal x Scarlet Glow
- 284 Crystal x Spitfire
- 285 Greta Garbo x Aladdin
- 286 Greta Garbo x Algonquin
- 287 Harmau x Acca Laurentia
- 288 Harmau x Greta Garbo
- 289 Harmau x Helen of Troy
- 290 Harmau x Icelander
- 291 H. B. Pitt x Stella Antisdale
- 292 Heidelberger Schloss x Hurricane
- 293 Hurricane x Acca Laurentia
- 294 Margaret Beaton x Aladdin
- 295 Margaret Beaton x Algonquin
- 296 Myrna x Greta Garbo
- 297 Master Myron x 73395
- 298 Oeganda x Crystal
- 299 Silentium x Stella Antisdale
- 300 Spitfire x American Commander
- 301 Spitfire x Bobby Dazzler

- 302 Stella Antisdale x Carillon
- 303 Stella Antisdale x Greta Garbo
- 304 Stella Antisdale x Oeganda
- 305 Stella Antisdale x Tunia's Triumph
- 306 Summerwealth x Acca Laurentia
- 307 Tunia's Triumph x Icelander
- 308 Tunia's Triumph x June Bride
- 309 Vista Bonita x June Bride

GROUP D. SEEDS 5c EACH, NET

- 310 73395 x Tunia's Mahomet
- 311 Thriller (Mich.'41 grand champ) x Crystal
- 312 Thriller x Helen of Troy
- 313 Thriller x Snow Cruiser (Ohio,'41 grand champ)
- 314 Aladdin x Tunia's Mahomet
- 315 Algonquin x Coutts' Orchid
- 316 Big Top x Harmau
- 317 Candy Heart x Coutts' Orchid
- 318 Coutts' Orchid x Tunia's Mahomet
- 319 Coutts' Orchid x Algonquin
- 320 Crystal x Coutts' Orchid
- 321 Crystal x Pastel
- 322 Dazzler x Helen of Troy
- 323 Don Bradman x Silentium
- 324 Elanora x Big Top
- 325 Globe Trotter x St. Edward
- 326 Grand Opera x Pastel
- 327 Grand Opera x Sir Galahad
- 328 Greta Garbo x Coutt's Orchid
- 329 Greta Garbo x Tunia's Mahomet
- 330 H. B. Pitt x Tunia's Mahomet
- 331 Helen of Troy x Coutts' Orchid
- 332 Helen of Troy x Herbstfreude
- 333 Herbstfreude x Helen of Troy
- 334 Hurricane x Coutts' Orchid
- 335 Hurricane x Tunia's Mahomet
- 336 Jeanie x Coutt's Orchid
- 337 Jeanie x Matterhorn
- 338 Jeanie x Sir Galahad
- 339 Jeanie x Stella Antisdale
- 340 K & M Triumph x Myrna
- 341 Lade Cream seedling x Algonquin
- 342 Lade Cream seedling x Herbstfreude
- 343 Lade Cream seedling x Tunia's Mahomet
- 344 Margaret Beaton x Tunia's Mahomet
- 345 Matterhorn x Don Bradman
- 346 Myrna x Tunia's Mahomet
- 347 Merry Widow x R. B. (two giants)
- 348 Mrs. Mark's Memory x California Rose
- 349 Mrs. Mark's Memory x Margaret Beaton
- 350 Mrs. Mark's Memory x Snow Cruiser
- 351 Oeganda x Thriller (Mich.'41 grand champ)
- 352 Pfitzer's Success x Coutts' Orchid
- 353 R. B. x Crystal
- 354 Snow Cruiser x Crystal
- 355 St. Edward x Globe Trotter
- 356 Tunia's Mahomet x Coutts' Orchid
- 357 Tunia's Mahomet x Frostpink
- 358 Tunia's Mahomet x Helen of Troy
- 359 Tunia's Mahomet x Hindenburg's Memory
- 360 Tunia's Mahomet x Spitfire
- 361 Tunia's Triumph x Coutts' Orchid
- 362 Vista Bonita x Coutts' Orchid

PREVIEW OF OUR 1941 INTRODUCTIONS

For prices and further description consult general variety list.

BIG TOP (Rich). A giant plant and spike. Produced the three largest spikes in our fields last year. And don't think it had no competition! Introductory price is not an error. Yes, its too low. Mr. Rich won 47 Awards of Mention, Commendation and Merit in 1941, a promising record.

BOBBY DAZZLER (Both). You know it is orange when you see it. No need to be told. Also that it is a beautifully ruffled giant. Color not as vivid as Dazzler but softer and still more beautiful. Only the slightest trace of fading under very bad conditions, so this one has excellent commercial possibilities.

FASCINATION (Both). We got this variety as far as this stage last year then failed to list it for sale as our stocks seemed insufficient. A deep orange pink ruffled beauty with plenty buds and plenty open. See picture on back cover.

HURRICANE (Evans). Ask any Mich. grower what he thinks of the color. Or Prof. E. M. C. Shafer of Sacramento, Calif. who writes: "Hurricane seems destined to go places in its color class. 9 opened in the field. Stood out like a lighthouse in the garden. Color is quite subtle, being bright from a distance and soft close by. Its brightness of orange is heightened by artificial light, which is a good decorative quality. Now every bulblet is going to bloom and most are holding about 5 good sized bloom open in the field. I wouldn't part with one of them for a mint of money. If it doesn't sell there is something wrong with the public."

PASTEL (Both). The smoothest soft, velvety smoky. Large round, smooth petals, too. Its the perfect pastel blend smoke.

PERKY (Hubler). Small glads have to be good to get notice from us. This joins the ranks of Pinocchio and Sub Deb but this is still smaller. However, Mr. Hubler, who was supervisor of judges of the Amer. Glad Soc. for years and has been hybridizing for many years finally puts an OK on one of his own. The Ohio society is jealous of its reputation in handing out Awards of Merit. It got, I think, about the 4th in 14 years.

PURPLE SUPREME (Wilson-Evans). We feel this is both bigger and better than Wilson's good Purple Classic. Not only does it have the good color value of Purple Classic but it also has the color harmony produced by a definite lighter halo margin around the petals.

SPITFIRE (Evans). We believe no apologies will ever have to be made for this one. We are still looking for its slightest fault. Propagation refuses to run wild, as is the case with Hurricane, but we couldn't be too sure that can be termed a fault. Plenty of prizewinning background. It got one of those rare Ohio Awards of Merit several years ago. Clear, iridescent, rosy toned salmon with white throat. See picture on front cover.

Note. We planned to participate in the introduction of Pruitt's beautiful *Jeanie*. But, last season, Mr. Pruitt did not decide to introduce it until too late for us to include it. We do now and what a rare beauty it is. Better still, its cheap enough for all to buy it now.

PREVIEW OF OUR 1941 IMPORT RELEASES

ACCA LAURENTIA (Holland). Color and excellent cut flower habits. Smooth petalled, primulinus grandiflorus type. Slightly hooded. Bright orange, throat deeper, Supply small and further import impossible but its a good propagator.

GLOBE TROTTER (Pfitzer). No telling when we will ever get a peek at any more new Pfitzer varieties. Of the 6 Pfitzer varieties offered by K & M in the fall of 1939, this one proved to be by far the most outstanding. Impressive spikes with 10 or more open. Light vermilion shading to rose pink with creamy white blotch.

OBERBAYERN (Pfitzer). Next to Globe Trotter, the largest, we liked Oberbayern, the smallest Med. Dec. size, about 3½ to 4 inch diameter. Color is extremely striking—dark aniline blue with so much clean cream within that the blue is not much more than a border. Wide open florets help emphasize the contrast. Height, wiry stem, number open all seen in proper proportion.

ANNOUNCEMENT EXTRAORDINARY CONCERNING THE WORLD FAMOUS TUNIA EXHIBITION STRAIN

We are pleased to advise our customers that we have entered into an exclusive arrangement with E.Both, world famous hybridizer of Adelaide, South Australia, whereby we are permitted to purchase stocks of his seedlings intended for introduction, a year before public release. We thus have stocks, grown here two years, fully acclimated and under U. S. release a year before normally possible. Importers, growers and catalogers will readily see the several advantages of such opportunity of purchase.

Mr. Both's varieties of recent years have proved sensational, particularly Tunia's Triumph, Crystal, Harmau and St. Edward. Some new ones we are growing will prove even more sensational. Take another peek at that picture on the back cover.

ANNOUNCEMENT CONCERNING VARIETY "COUTTS' ORCHID"

By arrangement with Mr. Coutts we are the sole Importer and Distributor to U. S. purchasers of stocks of his sensational new variety, "Coutts' Orchid."

INDEX OF VARIETES TO COLOR CLASS

Acca Laurentia, Orange
Aladdin, Deep Salmon
Algonquin, Scarlet
Allegro, Light Violet
Amberglow, Yellow
Amulet, Buff

Beacon, Scarlet
Big Top, Deep Pink
Black Opal, Black Red
Blue Admiral, Deep Violet
Blue Beauty, Light Violet
Blue Wonder, Light Violet
Bobby Dazzler, Orange

California, Deep Pink
Camellia, Light Pink
Candyheart, Light Pink
Carillon, Light Salmon
Chamouny, Deep Rose
Chief Multnomah, Smoky
Col. Wm. Light, Orange
Corona, Light Pink
Coutt's Orchid, Light Rose
Crystal, White

Dazzler, Orange
Diane, Orange
Donna, Buff
Dox, Yellow
Dr. A. J. Verhage, Light Red
Dr. Dentz, Light Rose

Excell, Light Rose
Exquisite, Deep Rose

Fascination, Deep Salmon
Festival Queen, Light Rose
Frank J. McCoy, Deep Pink
Frostpink ornatus, Deep Pink

Gertrude Swenson, Lavender
Glamis, Light Salmon
Globe Trotter, Light Red
Golden Goddess, Yellow
Grand Opera, Light Pink
Greta Garbo, Light Pink

H. B. Pitt, Light Salmon
Harmau, Deep Rose
Helen of Troy, Buff
Herbstfreude, Purple
High Finance, Smoky
Hindenburg's Memory, Deep Red
Hurricane, Orange

Janet Pursell, Light Pink
Jeanie, Light Salmon
Jersey Cream, Cream
Jim Holland, Yellow
Joh. S. Bach, Scarlet
Josef Haydn, Light Violet
Jules Amott, Deep Red
June Bride, Cream

K & M's Triumph, Light Salmon
King Arthur, Lavender
King Click, Deep Red
King of Hearts, Light Salmon

La Fiesta, Orange
Lavender Ruffles, Lavender
Leona, Deep Rose
Lord Selkirk, White

Maid of Orleans, White
Mammoth Ohio, Light Red
Margaret Beaton, White
Marguerite, Deep Pink
Mary Elizabeth, Cream
Matterhorn, White
Merry Widow, Light Pink
Midnight Red, Black Red
Minuet, Lavender
Miss America, Light Pink
Miss New Zealand, Deep Salmon
Misty Dawn, Smoky
Moorish King, Black Red
Mother Machree, Smoky
Mr. C. P. Van Tienhoven, Scarlet
Mrs. Mark's Memory, Purple
Myrna, White

New Zealand Splendor, Lt. Salmon

Oberbayern, Deep Violet
Oeganda, Black Red

Pacemaker, Light Pink
Paradise, Buff
Pastel, Smoky
Peggy Lou, Deep Pink
Perky, Scarlet
Picardy, Light Salmon
Pink Selection, Deep Pink
Pinocchio, Orange
Purple Beauty, Purple
Purple Supreme, Purple

R. B., Any other color (A.O.C.)
Ramesses, Purple
Raysheen, Light Violet
Red Charm, Deep Red
Red Lory, Deep Rose
Redwin, Deep Rose
Rewi Fallu, Black Red
Rima, Light Pink
Rodney, Deep Red
Rosa Van Lima, Light Rose
Rosalie, Deep Rose
Rosemarie Pfitzer, Light Pink
Rudolf Serkin, Dark Violet

Shirley Temple, Cream
Silentium, White
Sir Galahad, Yellow
Southport, Light Rose
Spitfire, Deep Salmon
St. Edward, Scarlet
Stella Antisdale, Light Pink
Sub Deb, White
Summerwealth, Deep Pink

Takina, Purple
Treasury Gold, Deep Salmon
Tunia's Blue, Dark Violet
Tunia's Triumph, Scarlet

Vagabond Prince, A. O. C.
Vela, Deep Rose

Walk Over, Scarlet
Winall, Light Violet

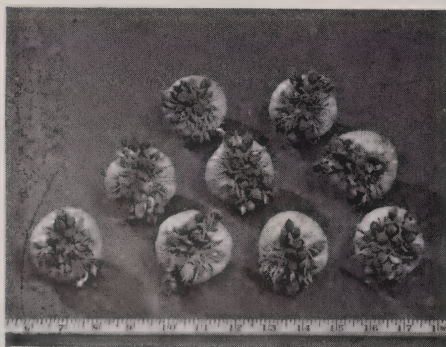
Zuni, Smoky

Note—The color grouping of variety descriptions, beginning on the next page, follows the sequence of colors as found in the Prize Winning Tabulation on page 4.



**CRYSTAL**

Pure White . . 7 inch Florets.
11-15 Open. New Champion

**CRYSTAL**

(grown from No. 5 bulbs)

WHITE

CRYSTAL (E. Both) 75 *—†††† Exh.** and Commercial giant of giants. Pure white without any marking. Florets $6\frac{1}{2}$ - $7\frac{1}{2}$ inches. 11-16 open (has held several more). Florets open wide and flat, have heavy substance and open up the stem very quickly. Stem is exceptionally wiry and strong. Foliage is abundant and very wide. Makes exceptionally fine looking bulbs and a fairly good quantity of large bulblets that germinate easily and grow well. Not a good bloomer from the smaller sizes but makes up for that plenty from large bulbs, be they young, old or even old divisions. Was both seedling champion and grand champion S. Austr. Glad Soc. '37, scoring 90 a new high up to that time. We won with it in color classes Midwest, Mich. and S. E. Mich. and it was grand champion, Wyo., all '41. Received British Award of Merit in '39. Each **L** \$.30 **M** .20, **S** .10. **Blts** (100, \$3.00).

"Crystal gave me a real kick and whoever produced Rosa van Lima created a masterpiece." 1-22-40. E. H. L., Cologne, Minn.

"The Crystal bulb I got from you in the spring did fine for me, giving me 16 florets all well open, the first one measuring 6 inches across. I made 5 crosses on it getting big, plump seeds. Also about 60 blts." 11-26-40. J. W. B., Neumarket, Ont.

LORD SELKIRK (Twomey) 94 *—†††† Commercial. Clear milk white with unmarked creamy white throat. Makes a tall, strong plant, blooming well from medium size bulbs. $4\frac{1}{2}$ -5 inch florets, 11 or more open, about 25 buds. Propagation fair only with us. Was grand champion Minn., '38 and '39 also Winnipeg, '40. Each **L** \$1.00 **M** .75 **S** .50 **Blts** (10, .80).

MAID OF ORLEANS 84 *—†† Dec. Milky white, light cream throat. First class cut flower habits. The best white in the low price field. Five awards of Merit abroad and wins almost numberless blue ribbons here. **L** .06 (100, 4.00)

MARGARET BEATON (Twomey) 94 **+ ††† A beauty. Ivory white with small orange scarlet blotch. Tall, well formed spike. So beautiful that it has jumped into popularity and a slight tendency to weakness of stem under extreme temperatures deters no one from wanting it, once seen. We recorded 27 firsts won about the country in '41. **L** .20 **M** .15 **S** .10 **Blts** (100, .60).

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.

Blts any amount at rate offered. Delivered Prepaid in U. S.

MATTERHORN 94 ***—††† Exh. Pure white, slight cream in throat. Buds have a greenish cast. This variety sounds the knell for Mammoth White, for it has similar round florets of about same or larger size, a bit closer to pure white, flowerheads as big, substance and strength of spike beyond comparison. We were first to win with it in U. S., at Ind., '38. It won at Ohio, Midwest and Wash., '41. **L** .20 **M** .15 **Blts** (100, 1.50).

MYRNA (Pruitt) 76 **—††† Commercial. Ivory white. Ruffled. About half way between Maid of Orleans and Mary Elizabeth, its parents, but larger florets and 7-10 open. We had one spike open 11 in the field. Positively wonderful cut flower habits. British A. M., '39. Getting its share of grand championships. **L** .25 **M** .15 **S** .10 **Blts** (100, 1.50).

SILENTIUM (Pfizer) 80 *+††† Dec. Com. A striking and elegant white glad, blending to a cream center containing a small carmine marking. Slender stems, excellent placement with regularity, grand cut flower habits, fine blooms from the smaller sized bulbs and a good propagator. Surely headed for world wide fame as a cut flower. We broke the ice for it in U. S. with 2 firsts at S. E. Mich., '40. We consider it the equal of Margaret Beaton in beauty and far superior as a cut flower. **L** 1.00 **M** .60 **S** .30 **Blts** (100, 8.00).

SUB DEB (Evans) (62922) Sm. Dec. Commercial. 65 days. White without marking. Much whiter than the variety White Butterfly, possibly taller and more open, as well. Small florets, 2-3 inches, slightly hooded, well spaced, 5-8 open, limber but wiry stem. Easy grower, fast propagator, blooms exceptionally well from smaller sizes. Considerable show background evidences its increasing popularity. British A. M., '39. Grow quantities of various size bulbs and be agreeably surprised. **L** 10 **M** .06 **S** .03 **Blts** (100, .30).

CREAM

JERSEY CREAM (Evans) 78 *—†† Dec. Aptly named. Smooth, rich, deep cream. The only deep cream with perfect cut flower habits. Florets average 5 inches, 8 or more open, 16-18 bud, 50 inches tall. Good propagator and makes exceptionally fine blooms from M and S bulbs. Substance excellent. Cut flower blooms well to the tip. These traits, coupled with the unusual color value and beautifully decorative form make the florists' dream of a clear, deep cream, usable in all stages of

bulb growth, come true. In several years of growing we have been unable to discover any faults to mar this wonderful record. Fine reports from far and wide. Best Ohio origination and our special award for best handle basket, Ohio and Dec. section champion, Mich., all '41. **L** .06 (100, 4.00) **M** .04 (100, 2.75) **S** .02 (100, 1.25) **Blts** (100, .20).

"Jersey Cream attracted a lot of attention in the trial ground and in Havre de Grace, where several of our members grew it. It looks to me to be about the best of the cream decorative varieties." 10-7-37. H. V. W., Edgewood, Md.

"All my bulblets of Jersey Cream bloomed." 2-23-37, J. A. F., Atlanta, Ga.

"Very pleased with your Jersey Cream. Must have a stock now for cut flowers—and any extras, please, in Jersey Cream." 4-25-'38. V. C. F., Fremont, Nebr.

"Think that Jersey Cream of yours is a peach. Bulblets with me grow better than any variety I have ever grown, and those florists fortunate enough to see it, all clamored for some when available." 11-17-'38. G. S.—the largest wholesale grower in the Chicago area.

"Your Jersey Cream held up under withering heat last year and all others from your stock did excellently again. Have bought stock from nearly all glad raising districts but I honestly consider your stock superior in health and vitality to any I have received. You must have all the range of 'vitamins' in your soil or somethin' as they say." 2-6-40. Prof. E. M. S., Sacramento, Calif.

MARY ELIZABETH 105 *—††† Dec. Pure, opaque white with strong, rich, creamy yellow throat. Beautifully ruffled. Thick, waxy substance. One of the most beautiful of all Decoratives. Ideal cutting habits. For years we have been praising and recommending this variety for all purposes. Now reasonably priced. "Most Beautiful bloom in the show" award, C. G. S. and Sec. champ Ill. and Wisc., '38. We record firsts in 6 shows in each of '39 and '40, with repeats in Ohio and E. S. G. S. In ten more, '41, including Section champion, S. E. Mich and N. E. G. S. **L** .06 (100, 4.00) **M** .04 (100, 2.75) **Blts** (100, .20).

"Thanks for your generous overcount on the McCoy's and Mary Elizabeth, also the quality of the bulbs. Hot weather brought my McCoy into bloom mostly before the show. Had many with 14-16 open and 10-12 buds above that. However, I won the amateur sweepstakes, my McCoy was grand champion of the show and my Mary Elizabeth was 'most beautiful bloom in the show.' This was my first attempt at the Canadian National shows." 10-8-'38. H. K., Port Elgin, Ont.

"Your heavy young bulbs did more than their share in winning the Amateur Point Achievement for me. And the C. G. S. annual you so kindly secured for me was fine and their symposium a great help in deciding what varieties to grow." 11-21-'38. M. B., Chelsea, Ia.

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.

Blts any amount at rate offered. Delivered Prepaid in U. S.



SHIRLEY TEMPLE

(6½" florets. Bloom from bulblet)

JUNE BRIDE (Salbach) 90 ***+†† Exh.

Com. Patented. Has not only immense florets, 6-7 inches, 6 open, 18 buds but also a tremendously long flowerhead in the neighborhood of that of Peggy Lou, 30 inches. Color is creamy white with a soft red blotch, almost pink. Good placement and facing, excellent cut flower habits. 60-66 inches tall (half of it flowerhead!) Patent restrictions are same as specified in description of Golden Goddess. E. Bay, '39. Our 1st, S. E. Mich., '40. Our 1sts, both R. I. and 3 spike com'l sections, Ohio, '41. Stock is very limited on this due to rather slow propagation. L ea. .50 (3 for 1.25) (6 for 2.25) (12 for 4.50) Net prices (no discounts).

SHIRLEY TEMPLE 100 ***—††† Exh.

Light cream, approaching white. Vivid throat mark of rich cream. Florets creased and ruffled, leathery texture, averaging larger than Picardy and blooms from bulblets have measured over 6½ inches. 6-8 open 18 to 20 bud, 5-6 ft. tall, well foliaged, excellent propagator, blooms out remarkably when cut. If you plan to bloom out on the plant spikes from large bulbs in hottest weather, we suggest staking to play safe. Slate cleared for latest records. 1sts Grants Pass, Ill., Iowa, Wash., Wellsville, O. and our 1st, Ohio and Sec. Champ Cedar Rapids, all '40. 20 firsts and 3 grand championships including N. E. G. S., '41. L. 07 (100, 4.00). M .04 (100, 2.00) Blts (100, .20).

YELLOW**AMBERGLOW** 77 *—†† Dec. Soft, but

brilliant, clear unmarked amber yellow. Its color value at once removes it from the commonplace. Its good points far outrank the occasional crooking in extreme hot weather. We won with it at Ohio and Wisc., '41. At latter show our 3 spike entry drew the attention of all. Other wins noted at Ohio, Ind., and Wash., '41. L. .15 M .10 S .05 Blts (100, .40).

DOX (Pfitzer) 90 *—†† Exh. Com. A clear

light amber yellow, lip petals golden sulphur. Tall, strong growth and rather large floret. A.M., Haarlem, B.G.S., '37. Grants Pass, '39. C.G.S., '40. Stock is limited. L .15 M .10 S .05 Blts (100, 1.00).

"Boy, do I thank you for the extras you sent. They were just what I wanted. Well, I ordered M bulbs but they look like L to me. I compared them to other grower's bulbs and they made them look sick (the other growers' bulbs.)" 5-4-40. W. V. S., New Hope, Va.

"I really thought I had seen some fine looking bulbs before, but for weight, youth and cleanliness yours surpassed anything I ever hoped to see—without exaggeration." 4-21-'38. R. E. C., Mt. Royal, Que.

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.

Blts any amount at rate offered. Delivered Prepaid in U. S.

GOLDEN GODDESS 95 —†††† Exh. The first patented gladiolus (U. S. Plant Patent No. 77). Clear, deep monotone yellow. Consistently makes long, compact flowerheads with about 12 open florets and a total of about 22 buds. Color is richer than that of the other yellows listed. Florets larger than those of Golden Dream, flowerhead longer, stem shorter. We have grown this variety 6 years and are satisfied that the color value is outstanding. Together with 3 national seed houses and a few gladiolus growers, we are licensed by the Patentee, Carl Salbach, to sell Golden Goddess. Bulbs will be supplied only upon the express condition that they can be grown for the personal enjoyment of purchaser, but that no bulb or bulblet stock may be resold, leased, given away or in any way transferred without the written consent of the Patentee. We have recorded 11 firsts in '41. L .08 (100, 5.00).

JIM HOLLAND (Both) 110 *—††† Dec. Com. The color of this new sport of Betty Nuthall with us is definitely clear light yellow with the regular Betty Nuthall throat scratches. The color is much closer to true yellow than that of Betsy Bob Up and entirely lacks the pink combination of the latter. The clarity of yellow color, coupled with Nuthall growth and propagation habits are bound to point this new glad into show and commercial paths. Judged "Best Australian Commercial Variety," S.A.G.S., '39. Our firsts, Ohio, '40 and both Ohio and Wisc., '41. L .30 M .20 S .10 Blts (100, 2.00).

SIR GALAHAD (Salbach) 95 **+†† Exh. Patented. Soft, rich, clear creamy yellow with a diamond shaped blotch of rich crimson, in beautiful contrast. Words fail us to describe its unusual beauty. Six 6 inch florets wide open, a bit recurved, 18 bud. Tall, strong spikes with long flowerhead. Patent restrictions same as specified in description of Golden Goddess. Our 1st, S. E. Mich., '40. In '41 it won at Ohio, Ind., SW. Va., and East Bay. Also for us at Mich. and Wisc., where our 3 spikes almost without doubt attracted more interest than any other entry in the show. Judging from the great interest shown by visitors to our fields, this will be one of our "best sellers." See patent collection prices at end of variety list.

per ea. 3 6 12

Large.....	.50	1.25	2.25	4.50
Medium.....	.35	1.00	1.75	3.50
Prices are Net.				

BUFF

AMULET 93 *—†† Dec. Clear capucine orange buff. Heavily ruffled. Has a peachy tone not found in Wasaga. Both Amrita and Amulet are Picardy X Wasaga crosses, probably from the same pod. We feel certain that Amulet is the more desirable of the two. A.M., C.G.S., '36, A.M. Metro., '37. Ill., Wash. and sec. champ E. N. Y., '40. A first at Mich. and our 1st at S. E. Mich., '41. L .15 M .08 S .05 Blts (100, .30).

DONNA (Pruitt) 70—†† Dec. Com. Golden buff, well ruffled. Color much as Wasaga but much stretchier spikes, taller, with more open. Earliness, good growing habits and free bloom from small sizes warrant your serious consideration. We broke the ice for this new one, winning at S. E. Mich., '40. Firsts at Wisc. and Grants Pass and we won with it again at the 2nd Ohio show, all '41. First year at reasonable price. L .20 M .15 S .10 Blts (100, 2.00).

HELEN OF TROY (Salbach) 88 ***+††† Exh. Patented. Larger than Miss America and almost as large as King of Hearts. A beautiful apricot not far from the golden buff of Wasaga with slight shadings of pink and a sort of brownish blotch. Florets wide open, consistently 6½-8 inches diameter, 6-8 open, 19 buds, 27 inch flowerhead, close to 60 inches tall. Always straight. This variety is going to win some grand championships as soon as it gets around to the shows. Patented restrictions same as specified in description of Golden Goddess. Wellsville, O., both shows, E.N.Y., our sec. champ Mich., largest fiolet and grand champion Grants Pass., all '40. Above is a carry-over description. In 1941, largely by our customers (or ourselves), firsts were had at W. Va., Midwest, Ohio, Wash., Conn., Wellsville, Pa., Sioux City, Sheboygan, E. S. G. S. and SW Va. It secured 4 firsts at Canadian show and we won with it at Wisc., Mich., Ohio and S. E. Mich. where our entry then became section champion and then Reserve Champion (runner up for grand champion), all '41. See patent collection prices at end of variety list.

	ea.	3	6	12
Large.....	.50	1.25	2.25	4.50
Medium.....	.35	1.00	1.75	3.50
Prices are Net.				

PARADISE 92 *—†† Dec. Another fine gladiolus from Mr. Pruitt. Apricot buff shading to yellow in throat, touched with minute red hair lines. Vigorous grower, making fine, long spikes. Good Commercial. Latest records: E. Bay, E.S.G.S. Iowa, Marion Co., Mich., S.E. Mich. Utah, Wash., and longest spike, Wellsville, O. all '40. 13 wins recorded in '41. L .06 (100, 4.00) Blts (100, .15).

"Sir Galahad is really a beauty in a class all its own."
12-3-41. B. F. P., Roanoke, Va.



DAZZLER

ORANGE

(Incl. yellow orange and red orange)

ACCA LAURENTIA (Holland) 70 *—††
Dec. Clean, soft orange, inconspicuously marked deeper in throat. Color does not fleck or burn. Slightly hooded. For 2 years we have studied this for flaws from point of view of cut flower use without finding any. Stocks limited and not more than half will be allowed to be sold. **Bulbs**, any size, \$2. each. **Blts** .25 each Prices Net (no discount).

BOBBY DAZZLER (Both) 80 **+†††
Brilliantly clear and velvety red orange with deeper throat blotch. Beautifully ruffled. But for Jeanie and Coutts' Orchid this variety would be just about the sole contender for the most beautiful glad introduced in the last 5 years. On account of the greater intensity of color in this one probably it will receive the most acclaim. Florets are not crowded, are 5½-6½ inches dia., 5-7 open and are not crowded on the stem. Sales will stop when half our stocks are sold. Positively. **Bulbs**, any size, \$2. each. **Blts** .25 each. Net (no discount).

COL. WM. LIGHT (E. Both) 90 **+†††
Exh. only. Bright, metallic orange pink, with large yellow throat. Very large, round florets, 8 open, 26 buds. We say exh. only because the difference in performance fertilized and unfertilized is so marked. Champion Seedling, S. A. G. S., '36. Reserve Champion S. A. G. S., '38. See illustration on back cover. Ea. **L** \$1.50 **M** 1.00 **S** .50 **Blts** .10

DAZZLER (Both) 80 **+†††† Exh. only.
The greatest dazzler for color we have seen. We never thought we would ever see a glad of scarlet orange that could match Pfitzer's Triumph. But this is vivid dazzling scarlet orange with darker blotch. Slightly ruffled. 5½ inch florets, 9-10 open, 22 and more buds. Full double row Exh. type placement. Flower fades in the sun so it is not a commercial type. But what a "humdinger" for the show bench or home use if blooms are opened indoors! A spike selected from our commercial display at Ohio, '38, not entered in competition, was unanimously chosen by the judges as Grand Champion Bloom of the Show, winning the American Home Achievement Medal and the N.E.G.S. Purple Rosette. Our 1st also Ind., '38. Our 1st Md., '39. Our 1st (beating our own fine Harmau and Master Myron), Mich., '40. Sorry to state stocks are still scarce but this year we will share the medium size and bulblets with you. See illustration. Ea. **L** \$1.50 **M** 1.00 **Blts** .25.

DIANE (Krueger) 110 **+†† Exh. Smooth salmon orange with clear cream throat. Very tall and very late with us. Wisc. '38. In '41 was section champion in Ill., Wisc. and Midwest (9 immense blooms open in full double row). **L** .50 **M** .35 **S** .25 **Blts** (100, 2.50).

HURRICANE (Evans) 78 *—†††† Bright salmon toned orange, clear cream throat marked with several small cherry lines. Slightly ruffled. 5 inch florets, 8-10 open on very stretchy, long flowerheads. Easy propagator, frequently making large spikes and large bulbs directly from bulblets. In 1940 won the American Home Achievement Medal at Mich. state show. In '41 it won for us a first and Vase trophy at Wellsville, 2 firsts at Mich. state, where numerous growers again acknowledged its high color value, first at Midwest and Champion Seedling at Mahoning, fairly impressive for a seedling. **Bulbs** and **Blts** will be obtainable this year only in connection with sales of Spitfire, its "brother" seedling. See Spitfire in Deep Salmon group. Get Hurricane free.

"Hurricane seems destined to go places in its color class. 9 opened in field. Stood out like a lighthouse in the garden. Color is quite subtle, being bright from a distance and soft close by. Its brightness of orange is heightened by artificial light, which is a good decorative quality. Now every bulblet is going to bloom and most are holding about 5 good sized blooms open in the field. I wouldn't part with one of them for a mint of money. If it doesn't sell there is something wrong with the public". 6-17-41. Prof. E. M. C. S., Sacramento, Cal.

LA FIESTA 90 *—††† Dec. Bright orange. Deeper in throat. Tall, strong, wiry stem. Color a large improvement on the popular Senorita, with much taller spikes and better placement. A coming "cut flower." Rapid increaser. Large blts. We have had spikes with 12 open florets. Also 5 ft. spikes from small bulbs. We registered its first win at A.G.S., '36. Has A.M. from B.G.S. and E. Bay. Four wins recorded in '41. **L** .08 **M** .05 **Blts** (100, .30).

PINOCCHIO (Evans) 75+†† Med. Dec. Com. A true Novelty gladiolus. Color is a novelty blending of pink, yellow, green, orange and red without emphatic preponderance of any one of these colors. At a distance the yellow, orange and red give it a prevailing orange tone and thus it is classified as orange. Perhaps "any other color" might be correct. Florets are of heavy texture, 3½-4 inches, are round, wide open, intensely ruffled and fluted. Placement airy on stretchy spike 50 inches high. Flowerhead 24 inches on wiry stem well above the foliage which is a bit short. Good propagator, large bulblets, most of which bloom. On its first appearance in the shows it won 1st, 3 spike Dec. seedling, Section Champ. Dec. seedling and A.M. (84½ points) at Ohio, '39. Our 1sts Ohio and Mich., '40. 1sts noted at Ind. and Utah and our firsts at S. E. Mich., Wisc. and 2 at Ohio. **L** .40 **M** .25 **S** .15 **Blts** .05.

LIGHT SALMON

CARILLON (Palmer) 93 *+†† Dec. Com. Clean, light rosy pink, creamy blotch. 4½-5 inch, wide open, ruffled florets well placed on stretchy, tall spike. We have not grown it long—just one year, so our observation in the field is limited but friend Elmer says "One of its many good features is that it is always straight." **L** .15 **M** .08 **S** .05 **Blts** (100, .35).

GLAMIS (Palmer) 90 *—†† Dec. Com. Good, clean color, salmon rose, creamy lip. Florets beautifully ruffled, fluted and needlepoint. Robust grower, good propagator, blooms freely from blts. for us. E. S. G. S., '40 and '41. Our 1st also at S. E. Mich. **L** .75 **M** .50 **S** .25 **Blts** (100, 3.00).



PINOCCHIO

H. B. PITT (E. Both) 80 **—†††† Exh. Com. Smooth, light orange pink, cream throat. Powerful growth, stiff stem. Tall, full exhibition spikes, regularly well placed in double row formation. Heavy propagator. A sister seedling to Harmau. Our 1st, 3 spike, in the popular salmon pink class, Mich., '40. We repeated this at Wisc., '41. This is truly a contender with Picardy in the Salmon Pink Class. We believe its color is cleaner and more beautiful than that of either Picardy or Sensation. We had wonderful propagation with hundreds of spikes from bulblets so we have reduced the prices about 80%. **L** .90 **M** .60 **S** .30 **Blts** .05.

"Rec'd order of glad bulbs Sat. O. K. Was more than pleased. I figure the overcount and extras around 90% discount." 4-23-40. M. A. B., Ellsworth, Me.

"Just had to write and thank you for the many extra glad bulbs you sent me—and some of your best ones, too. No one could appreciate them more than I because my love for glads is very large and my pocket-book very small and flat." 4-6-40. Mrs. L. P. K., Vandalia, Mo.

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.

Blts any amount at rate offered. Delivered Prepaid in U. S.

JEANIE (Pruitt) 85 *—††† Dec. Com.

What a beauty! Bright, glistening light salmon, clean and clear of all flecking, with white, raised midribs and blending into light cream throat. Color is unbelievably rich. Unless you see it we doubt we can do it justice with mere words. It's cheap enough for you to find out for yourself. We had been growing it prior to last year and left it out of last catalog by accident, so we gave out many sample bulbs to try. We could fill so many pages with the commendation it received that we would not know which to select. 5 inch florets, 5-6 open, tall, strong, wiry stem, good propagator. If we have not convinced you that we are convinced of the outstanding quality of Jeanie, both for show bench and for cut flower, then just risk a dime or 15 cents for a bulb and find out first hand. No free bulbs of Jeanie this year. Firsts at Midwest, Utah, Sioux City, Sheboygan and we won with it ourselves at Wellsville, Mich., and Midwest, all '41. L .25 M .15 S .10 (Blts (100, 2.00).

K & M'S TRIUMPH (Konynenburg & Mark) 80 **—††† Exh. Com. Light salmon pink with creamy throat. 7-8 very large, wide open florets on tall, strong spike. Healthy grower, fair propagator.

When this firm, world famous distributor of Pfitzer varieties, attaches its own name to a glad we may safely conclude this to be a wonderful variety. Stock in very small supply. We have started it on its winning career in U. S. at the W. Va. show, '41. L or M ea. \$2.50. Blts .25

KING OF HEARTS (Salbach) 93 ***—††† Exh. Com. Patented. One of the 4 or 5 varieties capable of growing florets over 8 inches dia. Color just about true salmon, RO5 on Fischer Color Chart; Light coral red with carmine line in throat, Ridgeway. Wide open, round florets, 7-8½ inches, 7-9 open, 16 buds, flower-head 30 inches, spike 60 inches. Habits ideal both as Exh. and Com. Patent restrictions are same as specified in description of Golden Goddess. E. Bay, '38, '39. Our first, section champion and runner up for Grand Champion at Ohio, '39, Wellsville, O., and our 1st, Ohio, '40. Firsts at Ohio, Md., Sioux City, Pa. and our 1st at Mich. Also largest floret at 2nd Ohio show and section champion at Ind., all '41. See patent collection prices at end of variety list.

ea. 3 6 12
Large..... .50 1.25 2.25 4.50
Medium..... .35 1.00 1.75 3.50
Prices are Net.

SEE ILLUSTRATION ON PAGE 41.

NEW ZEALAND SPLendor (Toon) 98

**+†††† Exh. (Picardy x Mrs. S. A. Errey) '39-'40 introduction in N. Z. Soft, medium tone of pink with conspicuous orange scarlet throat blotch. Quite large florets, well placed, up to 10 open on long flowerhead and stem. Mr. Toon, the well known N. Z. hybridizer, says it is the best of his originations. Received an F. C. C. at Burnley Test Gardens, '39. Grand Champion at the Lyttleton N. Z. show, '39. Algona and SW Va. '41 and we start if off in U. S. as a Grand Champion, Mah., '41. L .40 M .25 S .15.

"New Zealand Splendor is the best thing I have had in all my 25 years of growing glads." 11-2-41. F. G. B., Victoria, B. C.

PICARDY 90 **—††† Exh. Long, straight

spikes of clear light salmon, not far removed from apricot buff. Has been considered the world's most popular glad for about 5 years, and so often grand champion spike that we refer you to our page recording grand champions to conserve space. Easy propagation makes the price seem ridiculous and a waste of time to bother with bulbs in the smaller sizes. In fact, the world is so smothered with Picardy that any friend who grows glads will give you some. So, in spite of the fact it is still considered the world's best glad by the average fan, it is over the peak, definitely, and likely the item will have to give way to H. B. Pitt in our catalog next year. L .05 (100, 3.00)

DEEP SALMON**ALADDIN** 85 ***—†††† Exh. Soft tones of

salmon pink, creamy blotch with some cream along the mid ribs of the petals. Immense florets, widely expanded, somewhat waved, well over 6 inches dia., 8-10 open, about 20 buds. One of the very best of the Palmer varieties. If he could make it over the only suggestion we could make would be a little more length of stem, bit stretchier flower head. However, as is, it takes something to beat it in the shows. We record 20 wins for '41, including section champ at Wisc. and Grand Champion at East Bay. L. 15 M .08 S .05 Blts (100, .30).

FASCINATION (Both) 80 *—†††† The color

is soft, deep orange salmon. Florets are about 4½ inches dia. and beautifully ruffled. 8-10 open with 20 or more buds. Just about the sort of glad one would expect to obtain from its parents (Rose-marie Pf. x Tunia's Triumph). See illustration on back cover. **Bulbs**, any size each \$2. **Blts** .25 Net Price.

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.

Blts any amount at rate offered. Delivered Prepaid in U. S.

MISS NEW ZEALAND 93 *—†††† Exh.**

First offered in U. S. by Dr. Barber and by us in 1934 at \$30. per bulb. All catalogers scrambling for stocks to list ever since. Color difficult to describe or classify. A deep pink suffused rose with some ground color of dark apricot salmon. A distinctive throat of color of a ripe peach. We have grown long spikes with 10 open florets, as many more in bud, the three lower florets a full 8 inches diameter, the other seven tapering off to 7 inches. Excellent substance, straight spikes, powerful grower, acclimates easily and a good propagator even from large bulbs. Abandoning long list of awards for a fresh start. See Champion Bloom records ahead. Only Picardy and F. J. McCoy have records as good. L .08 (100, 6.00) M .05 (100, 3.00) Blts (100, .25)

SPITFIRE (Evans) 80 *+†††† This grand glad starts out as a named variety with plenty of competitive show experience. Color is clear, iridescent, rosy toned salmon, white throat marked with several small cherry lines. 5 inch florets, wide open, slightly ruffled. Opens 8-10 easily. Powerful plant, strong stem, no crooking, bloom very long lasting. Propagation medium, otherwise wonderful cut flower qualities. In '38 it won as 3 spike Exh. seedling, then Champion Seedling and Ind. Soc. Silver Medal at Ind. In '39 at Ohio it received one of the very few Awards of Merit it has yet given. In '41 it won for us as follows: a first at Wellsville, the American Home Achievement Medal for most meritorious undisseeded gladiolus at W. Va. and repeated for similar medal at the Mich. state show. Thus, Spitfire followed in the footsteps of its "brother" seedling Hurricane, which won the award at Mich. the year before. Each L \$5. S 2.50 Blts .50 Net prices.

Note. Whatever stock of Spitfire you purchase, we will include a bonus in stock of Hurricane, matching equally the sizes and amounts purchased. Hurricane will be obtainable in no other way this year.

TREASURY GOLD (Wilson-Evans) 95 **

—†††† Exh. Com. (Registered). Ridge-way: Capucine Orange with a slight tendency toward Chamois (buff orange). Fischer Chart; somewhere between 04 and Y04, probably nearest 04. This makes a truly giant spike, as stretchy as Peggy Lou, with flowerheads about 34 inches, 25 buds. The spike towers 68 inches in the field. Florets are plain petaled, wide open, 6 inch dia., 10 open. Strong plant, tall, dark green foliage. Placement averages good. At its show debut 3 cut spikes towering 60 inches high, just as here described, were exhibited at Wellsville, '39, judged Champion Seedling, winner of



MISS NEW ZEALAND (7 inch florets)

SCARLET



TREASURY GOLD

American Home Achievement Medal and was reserve champion bloom of the show. Other than the mechanical hazards to any glad growing over 5 ft. tall, we have discovered no alloy in Treasury Gold. We are pleased to become co-introducer with Mr. Wilson (who also originated Peggy Lou) of this giant, soft, self colored glad. Three firsts at Ohio, 3 spike (also Sec. champion), Recent intro. and "Best Ohio Origination," Section champion in open Exh. div. at E. S. G. S. and "Vote of Commendation" at Md. Trial Grounds, all '40. Firsts at S. E. Mich., Pa., E. S. G. S., N. E. G. S., two at Wisc. and three at Ohio, including tallest spike and section champion, all '41. See illustration. L .90 M .60 S .30 Blts (100, 4.00).

"Your catalog received, for which I am obliged. You certainly pack a lot of information into it, all useful for the good of the trade." 1-15-41. W. H., Rockwood, Ont.

ALGONQUIN (Palmer) 79 *—††† Exh. Com. Brilliant, light scarlet with some markings. Color not equal to Palmer's Regent but larger florets and much longer flowerheads, up to 30 inches. 8-9 open usually semi stepladder fashion. A. M., B. G. S., '39. Stands near the top in the most recent symposiums. Firsts at Ames, Calgary, Hamilton, SW Va., W. Va., sectional champ for us at Mich., and it was grand champion at both Sioux City and Grants Pass, all '41. Now reasonably priced. L .15 M .08 S .05 Blts (100, .40).

BEACON 90 *+†† Exh. Brilliant, clear colors. A rather dark rose, approaching scarlet. Pronounced creamy blotch. Florets slightly waved and ruffled. 8 or more open. Tall, straight spikes. Color is both distinctive and striking. If you are looking for a "showy" glad, with color of "quality" thrown in for good measure, here it is. Latest record slate: Cedar Rapids, E. N. Y., E. S. G. S., Ind., Md., Mich., N. E. Mich., Wellsville, Utah and Sec. champ at both Iowa and Sioux City, all '40. 16 more firsts, including grand champion at Utah, '41. L .08 (100, 5.00) M .04 (100, 2.50) S .02 (100, 1.20) Blts (100, .20)

DR. A. J. VERHAGE (Van Buggenum) 80 **—†† A brilliant glad of Pfitzer's Triumph origin. Clear, deep, orange toned rosy scarlet, blotched deeper. Produces immense florets even from small bulbs. After two years of good propagation, the third fell off materially, so until we have more experience with it we cannot be sure it qualifies for cut flower purposes. We started its winning career in U. S. at S. E. Mich., '40, following with another at the 2nd Ohio show, '41. To protect stocks for further propagation we will offer large bulbs only this year. L .50.

JOH S. BACH 78 **—†††† Exh. Orange salmon, shading bit lighter in throat. White median lines. Tall and strong. Huge, well arranged flowerhead. 10-12 open at once. The earliest, extremely large flowering sort within our knowledge. A.M., Haarlem, F.C.C., British G.S. Society classifications keep shifting this variety between orange and scarlet. Starting records anew. C. G. S., Hamilton Dist., Iowa, Mich., Sec. champ Edmonton and Reserve champ (1st) Calgary, all '40. Five wins recorded including a section champion as best "standard" at Mah., '41. Too early for most shows. L .07 (100, 5.00) M .04 (100, 3.00) S .02 (100, 1.50) Blts (100, .30).

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.

Blts any amount at rate offered. Delivered Prepaid in U. S.

MR. C. P. VAN TIENHOVEN (Duijn) ***
—††† Exh. Brilliant, glossy, corn poppy red, darker in throat. Has done no crooking for us but understand it does to some extent in the southern half of the northern border states. Up here it should make a semi-commercial with giant blooms at little cost. Plant deeply as the giant, round florets catch a lot of wind. In fact, our florets of this reach the so-called "super-colossal" designation. L .10 (100, 7.00) Blts (100, .50).

PERKY (Hubler) 85 —†† Sm. Dec. This little glad is too good to pass up. Color is clean scarlet. Holds 5-8 open florets which are winged and average $2\frac{1}{2}$ -3 inches dia. Makes large bulblets which bloom without much coddling. Foliage is in keeping with the florets, as is the stem which is slender and wiry. Received the only Award of Merit given by the Ohio society in '41. **Bulbs L or M** each 50c Net.

ST. EDWARD (Both) 72 **—†††† Exh. Com. This outstanding Exh. and Commercial glad is an orange scarlet with some creamy white in the throat. Has excellent substance, wide open, perfectly formed florets which are slightly ruffled and held rigidly on a very tall, wiry stem. Quite an easy matter to pick a perfect 100% Exh. spike with eight or more 6 inch florets open in double row formation. 22 buds. Medium propagator. While a seedling it was included in the "best 6 spikes" at S.A.G.S., and was Grand Champion at Kensington, '37. Champion Vase (20 spikes with more than 200 open florets) S. A. G. S., '39. Our 1st, S. E. Mich., '40. Section (amateur) champion, S. A. G. S., '40 and F. C. C. same soc., '41. See illustration on back cover. L ea. \$3. M 2.00 S 1.00 Blts .25

TUNIA'S TRIUMPH (E. Both) 88***—††† Exh. Today the world's most sensational glad. Starting its career, it won the Fallu Cup and Grand Champion Seedling award at the South Australia, '34 show. Australian fans have been spellbound with this flower ever since. The color, light orange scarlet with a sheen approaching metallic bronze, a self color. Florets $7\frac{1}{2}$ to 8 inches, 7 to 9 open, 21 buds. The huge florets are perfectly faced and placed. The spike grows 5 ft. or taller, perfectly straight and the heavy texture enables the florets to withstand hot, drying winds. Makes a strong, well foliated plant that requires no staking. Good propagator, young bulbs producing from 30 to 50 bulblets. With a bold, arresting bloom having every desirable exhibition quality, this variety shows every evidence of being

unstoppable. We started its winning career in U. S. with firsts at both Ind. and Ohio, '38. Our 1st, Md., '39. Our 1st (3 spike) Mich., '40. Our 1st (3 spike) Midwest, '41. L .15 M .10 S .05 Blts (100, 1.00)

"At our show (S.A.G.S.) Tunia's Triumph with seven eight-inch blooms, perfectly placed, simply dwarfed such large varieties as Mrs. S. A. Errey and its magnetism held the public three and four deep throughout the show." C. H., Torrens ville, S. A.

"Tunia's Triumph is the largest glad I have ever grown, though I only managed 6 open." E. J. F., Melbourne, Australia.

"I had a Tunia's Triumph with first floret $8\frac{3}{4}$ inches across and 8 open." Mr. Menzies (a prominent Victoria exhibitor).

"Tunia's Triumph has already proved a wonderful parent. A number of its seedlings are very outstanding and are likely to create a sensation when released as you already know." E. B., Adelaide, So. Australia.

"We liked your Tunia's Triumph immensely. It is gorgeous, lovely." 8-3-'38. Mrs. J.R.C., Hayward, Calif.

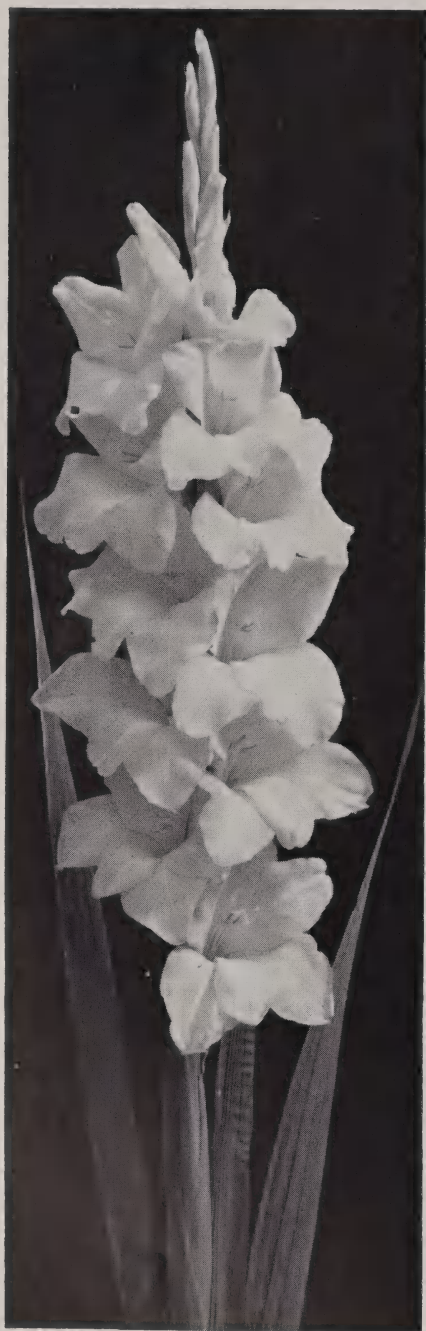
WALK-OVER 80 ***—††† Exh. Com. Glistening red, deeper than Tip Top. Huge, round florets, reminiscent of Mac but still bigger. Excellent spikes from the smaller sizes, unlike Tip Top. Excellent propagator. Excellent cut flower habits, as well. B.G.S., '36. Voted best medium-early glad, all colors and types, by Holland Bulb Grower's Ass'n. Plants mature early and should be dug a bit early. This variety deserves vastly more attention that it has been getting and now that the price is modest, many will now learn what a grand glad this is. Only a few wins recorded as yet and the first in U.S. was ours in '39 at Mah. Two in '41, at Ohio and S. E. Mich. L .15 M .10 S .05 Blts (100, .60).

LIGHT PINK

CAMELLIA 90 *+††† Dec. We have grown about every white with red blotch offered in the last ten years, hoping to find one we were willing to catalog. Clean, pink toned white, with a rather small, vivid orange scarlet blotch on a cream ground. Appears to have commercial qualities. 5 inch florets, 6-7 open, about 20 buds, spikes tall and straight. Good propagator. Grants Pass, E.N.Y.G.S., Snohomish Co., and A.M. (T.G.) B.G.S., '39. Ill., Me. and E.S.G.S., '40. Heads its color class, C.G.S. symposium. Record of 8 firsts in '41. L .08 (100, 5.00) M .05 (100, 3.00) S .03 (100, 1.50) Blts (100, .20).

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.

Blts any amount at rate offered. Delivered Prepaid in U. S.



PACEMAKER

CANDY HEART (Salbach) 80 ***+†† Exh.
Com. Soft, clear flesh pink, blotched light carmine. Florets winged type, wide, 6 in. or more dia., 6 open, 17-18 buds. Good placement, tall, vigorous plant of good cut flower habits. Rapid increaser. Best seedling at E. B., '37. Cedar Rapids, '40. Firsts at N.E.G.S. and SW Va., also ours at W. Va. and S. E. Mich., '41. L .12 M .08 S .05 Blts (100, 1.00).

CORONA (Palmer) 80 *—†† Dec. Com.
Very light pink, approaching creamy white, throat somewhat deeper, rose picotee edge that varies in intensity under differing growing conditions but seems much more stable than that of Euides and appears to surpass it in every way. Only win we record as yet on this new one was at Ohio, '41. L .75 M .50 S .25 Blts (100, 4.00).

GRAND OPERA (Salbach) 93 ***—†† Exh.
Patented. Giant florets up to 8½ inches. 5-6 open, 16-18 buds, up to 6 ft. tall. Color is soft but clear light pink about R6 on Fischer Color Chart. Slight red feathering in throat. Very stunning. Excellent hybridizing agent. Patent restrictions are same as specified in description of Golden Goddess. We put this variety definitely on the map in '41 with our giant blooms at the shows. Our firsts at Wisc., Mich. and Ohio, where it also secured a Special Ohio ribbon, section champion, N.E.G.S. Rosette, was runner up for grand champion, the giant Snow Cruiser taking that award. It won also in N.E.G.S. and Midwest color sections, also at latter for largest floret. See patent collection prices at end of variety list. L only each .50 (3-1.25) (6-2.25) (12-4.50) Net Prices.

GRETA GARBO (Pfitzer) 86 *—††† Exh.
Com. Surely this gladiolus rates inside the best ten extant. But a matter of time and it will be near the top of all symposiums. The color is soft, a very light rose pink, so light we classify it light pink. Cream on lip petal. Buds are salmon rose. Opens 6-9 finely placed, well expanded, perfectly formed flowers on a tall, slender but strong stem. Healthy grower, rapid propagator, ideal cut flower habits. Both A.M. and F.C.C. at Amsterdam, Haarlem and B. G. S., a stunning record. Following our endeavor to exhibit the new ones at the shows even before bulbs are released to sale, we won with this at Mich. and S. E. Mich. in '39. Now the wins pile up, 11 of them in '41, including "second day champion" at C. G. S. and ours in R. I. and 3 spike classes at Mich. L .40 M .30 S .20 Blts (100, 1.50).

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.

Blts any amount at rate offered. Delivered Prepaid in U. S.

JANET PURSELL (Pursell) 93 —††† Exh.

A beautiful, pure pink with some salmon tone and a pale cream throat marking. Strong grower. Double row exh. spikes with 12 open, 24 buds on a tall, strong spike. New Australian variety. Floret size about that of New Era, color not far apart but cleaner. Apart from the ruffling value of New Era we feel this is by far the better. L .75 M .50 S .25 Blts .05.

MERRY WIDOW (Evans) 100 *—†† Exh.**

Very light blush pink, approaching white, one ruby pencil stripe through center lip. Slightly hooded but widely flaring. Substance fairly good for so large a floret. Though it was champion seedling Mah., '31, with an 8¼ inch floret we did not attempt to propagate via bulblets until, at the Ohio-Great Lakes Expo. show it won for largest flower in the show (florets about the height of this page). Here one party declared it was reminiscent of the famous Merry Widow hats. So, with an appropriate name, we listed it. Our bulbs sold out yearly, regardless of high prices and last year we withdrew it for propagation. It's a real contender for largest floret honors, winning that distinction also at Mah., '38, Mich. and Ohio, '39. Now we have ample stocks, we hope, and at reasonable price. L .30 M .20 S .10 Blts (100, 1.00)

MISS AMERICA 95 **—†† Exh. Com. Delicately toned, light pink, about pale flesh. A slight indication of hooding, uncommonly wide proportioned florets. Excellent color value coupled with first class cut flower traits. 1st and A. M. East Bay, '38. Our blue ribbon at Mich., '39. East Bay, '40. L .12 M .08 S .05 Blts (100, .50).

PACEMAKER 100 **—††† Exh. Smooth, medium-light pink. Prominent, smooth white throat. 12-16 open. Immense flowerheads on medium length stems. Top score Exh. Seedling and Champion Seedling Bloom (all types), winning two blue ribbons and the large sterling silver Stella M. Antisdale Seedling Trophy, joint Ohio-Mahoning at Ravenna, Ohio, '34. Without injuring frontal appearance its florescence is such that it sometimes fills out ¾ around the stem instead of just ½. With our cultivation the stem only approximates the length of the flowerhead. The spike shown in the illustration only had ten open but the florets were larger than usual, the first 7½ and the tenth 5½ inches dia., the flowerhead 26 and the entire cut spike 50½ inches long. Not a fast propagator and stocks still limited. Out 1st and Grand Champion at Mah. (2nd show), '39. Our 1st (3 spikes each showing 12-13 open), Ohio, '40. L .30 M .20 S .10 (Blts (100, 1.00).

**BASKET OF PFITZER VARIETIES**

RIMA 85 *—††† Exh. Com. Smooth, pastel blend of very light lilac rose pink, graduating toward very pale yellow in the throat. Florets around 5 inches, 6-7 open, 20 bud, spike tall, strong and wiry. Substance and delicate pastel color values indicate high commercial quality. Metro., '37. Conn. and Yakima, '38. Grants Pass, Wisc., E. N. Y. G. S. and our 1st Ohio and Mah. (2nd show), '39. Calgary, Grants Pass, Iowa, E. N. Y., Sioux City and our 1sts at Mich. and Ohio, '40. 12 firsts in '41, including largest floret at Wash., "most beautiful" at W. Va. L .10 M .06 Blts 100, .30).

ROSEMARIE PFITZER 85—††† Exh.** Very light pink with faint flecks of creamy hue. Slightly ruffled. Round, "inverted" type florets (single lip, top petal back). Has exquisite beauty, very delicate in appearance yet of excellent substance and texture. Makes good blooms from the smaller sizes. Bulbs are soft and mar easily but perform well. A.M., Haarlem and Amsterdam. Wellsville, C.G.S., Utah, Mich., our 1st Ohio, "Most Beautiful Bloom in the Show," C.G.S. and Grand Champion, Calgary (2nd show) all '39. Iowa, Hamilton Dist., Sec. champ Thunder Bay, Grand Champion (22 bud, 10 open) and also "Most Beautiful Bloom in the Show" at C. G. S. and Grand Champ 1st Calgary show, all '40. L .07 (100, 5.00) M .04 (100, 3.00) Blts (100, .20)

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.

Blts any amount at rate offered. Delivered Prepaid in U. S.



STELLA ANTISDALE

STELLA ANTISDALE (Evans) 80 *—††**

††Exh. Com. Smooth, soft light pink, a bit lighter and creamy in throat. Color has what might be termed a suede finish. Big round florets, mostly the much desired inverted type (single lip petal, top petal to rear), 6-7 in. dia., 7-9 open easily in the field, 18-20 buds. Tall spike, 55 inches high, strong, wiry stem, all straight for 5 years. Full exhibition type placement in double row formation from **M** as well as **L** bulbs. Flowerhead 24-28 inches. Good propagator. Was best single spike exh. seedling and won Bronze medal at Ind., '38. At the Ohio show, '39, a 3 spike entry of this variety (then seedling No. 7356) broke all known records for prize winnings on a single entry by winning

- (1) First as best pink exh. seedling.
- (2) Section champion (exh. sdlg. color classes).
- (3) Champion Seedling (all types).
- (4) N. E. G. S. Special Seedling Blue Ribbon.
- (5) American Home Achievement Medal.
- (6) Stella Antisdale Sterling Silver Sdlg. Trophy.

- (7) O.S.G.S. Award of Merit (86 points).
- (8) Grand Champion Bloom of the Show.
- (9) N.E.G.S. Grand Champion Purple Rosette.

With 50 or more spikes of Peggy Lou of grand champion caliber and a stunning spike of King of Hearts present to give battle, Stella Antisdale polled 7 of the 10 votes of the judges. Its parents, Albatros x Picardy. With excellent color, giant florets, true exhibition form, straight spikes and good cut flower habits, we expect all will like it. See illustration.

Our 1st, 3 spike light pink, beating our own very fine spikes of Rosa van Lima, Mich. and our 1st Recent Introduction, beating our own extra fine spikes of Grand Opera and Queen Marilynn, Mich., '40. Our firsts W. Va., Mah., Mich. and Ohio and our customers have started to win with it likewise, Mr. Parrott winning two firsts at SW Va. and Mr. Hopkins winning at Midwest over a good spike of Ethel Cave Cole, all '41. **L 1.00 M .60 S .30 Blts .08** (100, 5.00).

"Won two firsts with Stella Antisdale. With two bulbs. This is everything you say about it. Extravagantly admired and one of the best things in the show. 12-3-41. B. F. P., Roanoke, Va.

"In my opinion you have an excellent gladiolus in Stella Antisdale. The color is beautiful, placement excellent, a real exh. glad and a wonderfully fine cut flower with keeping qualities. I am more than pleased with my investment. My hat's off to you and Stella Antisdale. You've really got something there." 8-20-40. M. J. E., Grand Haven, Mich.

DEEP PINK

BIG TOP (Rich) 72 *—††† Exh.** Color a medium depth of pink with carmine feather in somewhat lighter throat. Sometimes flecked at edges. Petals creased at centers. Immense, round florets reaching 8 inches dia. A giant in growth of wide foliage and tall stalk as well. Fairly good texture. Generally straight and fair placement. Healthy, prolific and excellent bulblet germination. Our tallest variety in '41. 20-22 buds, up to 7 open on 26-32 inch flowerheads. It outperformed our Miss New Zealand in height, number open, size of floret and ability to support itself. Has received its 2nd year Commendation award, also largest floret (7¼ inches), both E. S. G. S., '41. In '34 we introduced Miss New Zealand at \$30. per bulb. Note the difference in this introductory price. **L .50 M .40 S .30 Blts** (10-.50) (100, 3.00).

"Your extras showed that you were not merely trying to pawn off surplus stock of varieties ready for discard." 9-7-'39. W. V. R., Haslett, Mich.

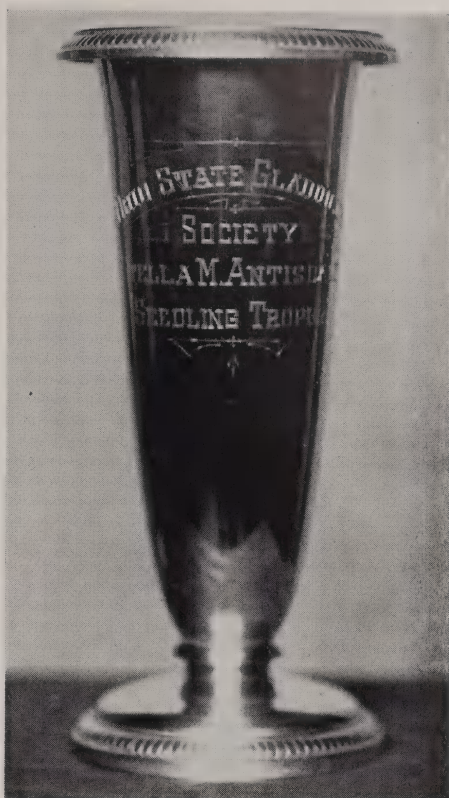
CALIFORNIA (Salbach) 95 ***—†† Exh. Patented. A real giant. Color somewhat similar to F. J. McCoy but better and twice as large. Pure geranium pink with a blotch of begonia rose but slightly deeper, result close to self color. 42 inches tall, long flower head, good substance. Rapid propagator. Florets round, slightly ruffled, up to $7\frac{3}{4}$ inches as shown and measured by the judges, E. Bay, '38 where it was the winning seedling and won the American Home Achievement Medal. Patent restrictions are same as specified in description of Golden Goddess. E. Bay and Utah, '40. Two of our customers collected firsts at Ohio and SW Va., '41. See patent collection prices at end of variety list. **L** only, each .50 (3-1.25) (6-2.25) (12-4.50) Net prices.

FRANK J. MCCOY 105 **—†††† Exh. Immense, tall, strong spike of pure pink. Surely, we put this variety on the map. Way back in '31 when we registered the first win for it at the largest gladiolus show in history (over 7000 entries), A.G.S. at Cleveland. Our customers (and we) have been winning with it ever since. $5\frac{1}{2}$ inch florets, 12-15 open, 50-60 inch cut spikes carrying 22-24 buds. Nearly all of the grand champion spikes attributed to this variety in our page of records ahead were produced from our bulbs. Beside blue ribbons it is frequently section champion or wins for most open as at Ohio (14 open) and grand champ at Ill. with 14 open, '40, and most open at both Ohio shows, '41. **L** .06 (100, 4.00).

FROSTPINK ornatus 72 —†† Dec. A Champion first time shown. Soft, medium values of pink, modulating into general effect of "Frostpink" (Textile Color Card Ass'n. of U. S.). No other markings. Intensely ruffled. Superb cut flower traits. 4 inch florets, 5-7 open, 15-18 buds. Florets open slowly making a most lasting spike. The decorative color, including that of the buds, form, placement and ruffling combines to make a most usable spike. A frequent winner for most ruffled floret and in arrangements. Price now justifies quantity planting in assorted sizes for maximum usefulness. **L** .08 **M** .05 **S** .03 **Blts** (100, .50).

"Frostpink is really one of the most beautiful glads on the market. I used it to the limit in hybridization." 1-29-'38. W. C. K., Oconomowoc, Wis.

"On previous experience I anticipated overly generous counts and a great number of samples of new varieties, nor was I disappointed. And I really did not expect you to send any of that expensive variety when I suggested it in my list! 4-9-40. H. T., Columbus, Ohio.



STELLA ANTISDALE

Sterling Silver Seedling Trophy

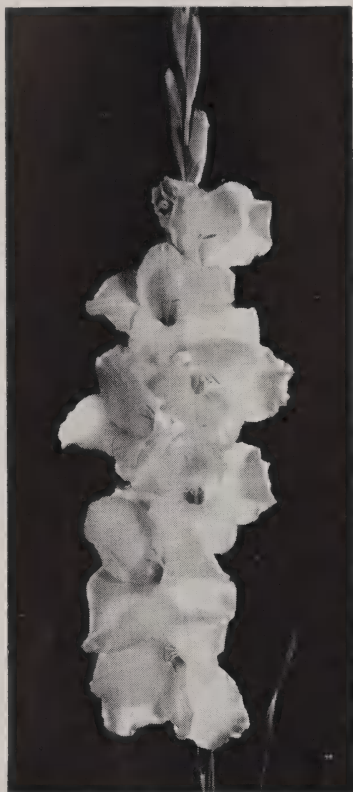
MARGUERITE (Pommert) 90 ***+†† Exh. Clear, watermelon pink with creamy yellow throat which is marked by a bit of feathering. While it does not hold many open, yet the florets are so massive and the flowerheads so stretchy that it is well worth growing. Makes 5 ft. spikes, 7 inch florets, 34 inch flowerheads. Strong and healthy. Was Grand Champ., Wash., '39 and collected 8 firsts in '41. **L** .45 **M** .30 **Blts** (10, .50).

"Just received the bulbs in good condition. Of course, I knew you would slip in some good extras, but not to the extent of more than double value of the order. I deeply appreciate your liberality and fine selections." 3-25-40. P. L. S., Melrose, Mass.

"The quality and size of the bulbs just received were even better than your guidebook had led me to expect and as for quantity, you sent me by actual count \$2.60 in bulbs for every dollar I had sent you. It has been a pleasure to deal with you and I thank you sincerely." 3-14-40. R. A. L., Winston-Salem, N. C.

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.

Blts any amount at rate offered. Delivered Prepaid in U. S.



PEGGY LOU
(from No. 3 bulb)

PEGGYLOU (Wilson-Evans) 90 **—††† Exh.

Com. Smooth, deep shrimp pink, with a slight rosy cast and a slight peppering of deeper rose in the throat. Undoubtedly classifies as a self color. Secured from same seed cross which produced Picardy. Apart from the color change, the only variations from Picardy we can discover are somewhat rounder florets, slightly shorter stems, considerably longer flowerheads. Produces wonderful blooms from M and S bulbs. Though we introduced this variety but four years ago, its fame is already secure. See Grand Champion Records on page 6. Prize winnings far too fast and furious to record any longer. In '38 some 30 odd firsts, A.M., Md. and 4 grand championships. In '39 at least 43 blue ribbons, 5 sectional and 2 grand championships. We had so many spikes of grand championship caliber at the Md., Mich. and Ohio shows that the visitors were simply stunned. The length of these massive flowerheads (30-36 inches) is simply astounding. Our wins, '39 at

Md.: 3 spike, 1 spike open, best basket, best vase (12 spikes), latter being also "Champ. Vase of the Show." At Ohio: 1st Recent Intro., best arrangement, best floor basket. At Mich.: in 3 spike and Recent Introduction section, the latter being section champion and Grand Champion. We have record of 30 firsts in the shows we are reporting, including our 1st Ohio and our Sec. champ, Mich., largest floret N. E. G. S. and Grand Champion, Wisc., all '40. We recorded 28 firsts, sectional champs at Ohio and Ind., grand champ at Cedar Rapids and received the "Best Commercial Prospects" award at Midwest, all '41. L .09 (6.00) M .05 (100, 3.60) S .03 (100, 2.00) Blts (100, .20) (1000, 1.00).

"When I dug Peggy Lou, it looked as though they had been rolled in glue and plastered with bullets." 10-10-'39. O. P. S., Athens, Mich.

"No doubt you will be interested to know that the No. 3 bulb of Peggy Lou I produced from you produced the spike which was judged grand champion of the East Bay Exhibition, just over." 7-26-'38. F.F.L., Cotati, Calif.

"You who admire Peggy Lou,—you should see it grow en masse as I did. The sight is astounding."

"The Ohio Society showroom, '39, was filled with many of the most wonderful blooms that it ever has been my lot to see." A. J. Amsler, in Nov. '39 Iowa GLAD WINNINGS.

PINK SELECTION 98 *—†††† Exh. This variety will undoubtedly join the ranks of famous "Sports" such as Marmora and Betsy Bob Up. A delicate pink with deeper blotch. Flowerhead and growing habits as Our Selection, from which it sported. Few words, but they say a lot and will mean still more as the variety becomes disseminated. Grand Champion, Tasmania G. S., (Feb.) '38. Mich., '40. 2 firsts at W. Va. (10 open), '41. L .30 M .20 S .10 Blts (100, 2.00)

SUMMERWEALTH (Heemskerk) 90 **—†† Exh. Com. Very large, wide open, round 6 in. florets of deep shining pink. Good color value, wonderful substance, 4 years without a crooked stem, propagation fairly good. A cut flower man looking for a quality glad in the very deep pink class finds the answer here. There is no more dependable variety in this entire catalog. L .40 M .25 Blts (100, 5.00).

"The gladiolus seed reached me safely, in perfect condition and I want to thank you for your liberal count and generous extras." 3-25-40. M. C., Weston, Toronto, Ont.

"A cross from you, Rosemarie x Tunia's Blue, has produced a beautiful deep purple, practically without markings. Well—just to let you know it shivers my timbers." 8-2-40. A. C., Cortland, N. Y.

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.

Blts any amount at rate offered. Delivered Prepaid in U. S.

LIGHT RED

GLOBETROTTER (Pfitzer) 80**—††† Exh.

Com. Color light vermilion red shading to rose pink towards the milky white blotch which is feathered rose red. This is a very strong grower, making large, impressive spikes with around 10 big, round, wide open florets open at one time. This is the best of the 6 Pfitzer varieties available to release this year-likely the last to appear in American catalogs for many years to come. Stocks very limited. L each \$10. Net.

MAMMOTH OHIO (Wilson) 80 ***+††

Exh. Clean, Indian lake red, unflecked, shading through rose doree to a cream throat mark. Long, narrow, creased petals forming giant florets up to 8 inches dia. Very long flowerheads with up to 20 buds, 4-5 open. Might be termed a novelty glad. Largest floret at Wellsville, Ohio and E. S. G. S., '40, repeating at Ohio and E. S. G. S., '41. L .50 M .30 Blts (100, 1.50).

DEEP RED

HINDENBURG'S MEMORY 90 ***—†††

Exh. Com. Deep scarlet red, buds a velvet blood red. Deeper red than Red Phipps or Tip Top. Somewhat lighter than Com. Koehl. Holds 6-7 well expanded florets over 6 inches dia. on a strong, tall stem. Excellent placement and easily the best exhibition variety in the red section. This is Pfitzer's own wonderful improvement on Com. Koehl both in color, size and stem. A. M. Haarlem, '36. Only a matter of time and this will be in any list of "the ten best glads." We have started it on its winning career, Ohio, '39. Calgary, Me., Md. and Wash., '40. We record 8 firsts in '41, including Ohio, N. E. G. S., Wash. and Midwest. L .15 M .10 S .05 (Blts (100, .50).

JULES AMOTT (Wilson) 78 *—†††† Exh.

Com. Clear, rich, velvety dragon red self except for slightly darker shade on lip. 25 buds, 10 open in full exh. double row placement on extremely long flowerheads. Tall, good propagator and excellent cut flower traits. Firsts, Wellsville, O., (3 firsts) Conn., E. N. Y. (World's Fair), Ohio and N. E. G. S., all '40. Though one might think a dollar per bulb price would keep it pretty much out of the shows in '41, nevertheless it stepped out and collected 18 firsts, including Midwest, N. E. G. S., Ind., Ill., Iowa and E. S. G. S., also section champ at W. Va. L .50 M .30 S .15 Blts (100, 1.50).

KING CLICK (Wilson) 85 *—†††† Exh.

Ruffled scarlet. A bit deeper than Algonquin and color practically clear. 5 inch florets, 21 buds, 8 open, 31 inch flowerheads. 5 ft. tall, making giant plants. Champion seedling, winning American Home Achievement Medal and Grand Champion bloom at Ohio, '40. Only Stella Antisdale has turned in a performance equal to that. "Honorable Mention," (a step towards A. M.) at E. S. G. S., '40. Its best performance, '41, was at S. E. Mich., where it had to beat one of the best spikes in the show (Rodney) just to get its blue ribbon. This spike then became section and finally grand champion and won the N. E. G. S. Silver Medal. L .90 M .60 S .30 Blts (100, 4.00).

"Our King Klick bulblets gave some remarkable spikes, as did Silentium, Exquisite, Helen of Troy, Pinocchio, Harmau and Rodney. These were outstanding." 9-25-41. P. L. P., Montreal, Que.

RED CHARM (Butt) 90 **—††† Exh. Com.

Clear color without flecking, about identical with that of Com. Koehl, but glistening. 17-18 buds, 8-9 open, round 5½ inch florets, 55 inches tall. Makes healthy bulbs and plants, strong and straight wiry stems. Good blooms from smaller sizes. In fact, a grand self color with fine cut flower habits. Calgary, Marion Co., Ind. and C. G. S., '40. Ind., Hamilton, Calgary and C. G. S., '41. L 1.00 M .60 S .40 Blts (100, .60)

RODNEY (Coates) 92 ***+†††† Exh. and

Com. Another spectacular glad in the mammoth class. Full, double row exh. spikes, 7 inch florets, 8 open (have seen 10). Beautiful dark glistening scarlet, with spectacular flaked, whitish blotch. Vigorous grower and good bulblet producer. Stocks very limited. L .75 M .50 Blts .10.

BLACK RED

BLACK OPAL 92 *—†††† Exh. Deep

maroon, somewhat marbled. Makes tall, symmetrical exhibition spikes, 10 open, 22 buds. Good bloomer from the smaller sizes. The prize winning on this new one begins. Ohio, E. Bay, Snohomish Co., E. S. G. S. and our 1st Mich. where it scored 85 points, exceeded only by Peggy Lou, all '39. E. Bay, Md., Mich., Wash., Wellsville, Sec. champ Cedar Rapids, all '40. We record 13 firsts for '41, including Ohio, Wash., Midwest and N. E. G. S. L .15 M .10 S .05 Blts (100, .50).

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COUTTS' ORCHID

MIDNIGHT RED (Rich) 70 *—†† Exh.

Com. Very dark red, velvety and glistening. Small cream stripe on lip. Wide open, plain petalled florets with excellent arrangement which one may rely upon for consistency. Straight, strong, tall spikes. $4\frac{1}{2}$ -5 inch florets, 6 open, 16 buds, 24 inch flowerheads. Good substance and fairly good propagator. "Honorable Mention," E. S. G. S., '39. "Award of Commendation," E. S. G. S., and our 1st S. E. Mich., '40. Two firsts and Award of Merit, E. S. G. S. and our 1st W. Va., '41. L .35 M .25 S .15 Blts (100, 2.00).

MOORISH KING **—†† Exh. Impressive, long spike, carrying immense, glossy, mahogany maroon florets. Lighter than Morocco but completely eclipsing it in size. Scarce because slow propagator. Blts germinate very unsatisfactorily. A. M., Haarlem and B.G.S. Two 1sts A. G. S., '34. (Am.) N. E. G. S. and our 1st Ohio, '35. Peterboro Hort. and Ia., '37. E. S. G. S. and 3 Ia. shows, '38. Ohio, '39. Mich., '40. Calgary, Utah and Wisc., '41. L .08 (100, 6.00).

OEGANDA 98 —† Dec. Black red, almost a solid black color with silky gloss, without markings or blotches. We have bloomed this from L bulbs three years and it is certainly the blackest glad we have yet seen. Florets run 3-4 inches dia., 4-6 open, 10-13 bud, 3-3½ ft. tall, on strong, slender stems. Supply very limited. A. M., R. Hort. S., F. C. C., Haarlem, '35. We started the ball rolling in America with a 1st at Ind., '38. Our 1st Mah., '39. Our firsts both Mich. and Wisc., '41. L .25 M .15 Blts (100, 3.00).

REWI FALLU 98 *—††† Exh.** A deep, blood red of very large size opening 8 florets on medium tall plants. Bulblets often bloom. Good propagator. Very popular. Took a nose dive in the C. G. S. Symposium mainly because the voters realized it hardly deserved the very top position it held in the previous one. Rates 4th in last Ohio and 12th in N. E. G. S. symposiums. Our 1sts at Md., Ohio and Mich., '39. E. N. Y., Hamilton Dist., Iowa, Ind., Marion Co., Ind., Me., N. E. Mich., Pa., Sioux City, Utah, Wash. and Sec. champ at both Cedar Rapids and Minn., all '40. Jumps to 28 firsts in '41 including section champ at Ill. and grand champion at the 2nd Ohio show. L .06 (100, 4.00) M .04 (100, 2.25) S .02 (100, 1.20) Blts (100, .15).

LIGHT ROSE

COUTTS' ORCHID (Coutts) 84 **—††† Exh.

Com. Immense, round petalled florets of smooth, unmarked light orchid rose with cream throat. Has a tendency to produce a quarter inch lighter edging, or halo. Very healthy grower. Stands up straight. Substance excellent. Good cut flower traits and the only doubtful item was cleared up by another year of growing. Our planting stock sizes gave us a generous supply of bulblets. Bulblet germination is very satisfactory. In Canada we have seen spikes with 8 open and 10 more buds all in color. Ours have done almost as well. We doubt much if this glad has any fault whatever and the color is beyond reproach. Award of Merit by Canadian Glad. Soc. in '39. Firsts at Calgary and Ohio (where our customer's spike beat our own good entry). At S. E. Mich. we won with grand spikes in Recent Intro. section and for "Best Canadian Intro.", which latter also won the Canadian Glad. Soc. Medal. At Mich. state show our entries were the sensation of the show, winning in the Recent Intro. section and 3 spike Exh. section, where it became section champion. The one spike entry then became runner-up to our seedling, "Thriller," for grand champion, all '41. Con-

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sidering stocks extant, the price is very reasonable. However, should war regulations restrict import of further stocks for planting, the item shall be deemed withdrawn from sale instanter. See illustration. Bulbs any size, **L**, **M** or **S**, 50c each. No **Blts** for sale and unlikely to be offered next yr., as well. Net Price (no discount). We are sole Distributor in U. S.

DR. DENTZ (Clingendaal) 80 ***—†† Exh. Com. Giant round, wide open florets. Excellent commercial color of fresh, pure rose. Has secured all the awards which can be obtained from the Dutch society, including F. C. C. and has an A. M. from the B. G. S. We break the ice for it in U. S. Our 1st, Mich., '40. **L** .15 **M** .10 **S** .05 **Blts** (100, .30).

EXCELL (E. Both) 85 *—††† Exh. Perfectly clear, rosy pink, with white line through center of each petal, except that lip petal is clean white, surrounded by a thin edge of the rosy pink. Five inch florets, 8 open (we have had 12). Lots of bud color. Attachment of floret to stem is somewhat at fault. If you are looking for a genuine beauty, here it is. 1st and Champ. Vase, all colors, So. Australia G. S., both '36 and '37. Our '41 records report a 1st at W. Va., two at Ind. and ours at Mah. and Ohio. **L** .35 **M** .20 **S** .10 **Blts** (100, 2.00).

FESTIVAL QUEEN 105 ***†† Exh. Rosy, geranium pink, soft carmine feather on lip petals. Immense, round, well expanded florets over 6 inches dia. 5-6 open, around 16 buds. Placement and facing is consistently good. Has been in the market several years but the price heretofore minimized dissemination. Spikes never crook. Too late a bloomer for average show dates, though we won with it at Ohio, '40. Was grand champion at Sydney, Austr., '41. **L** .08 **M** .05 **Blts** (100, .50).

ROSA VAN LIMA 77 *—††† Dec. Com. The finest, bright, light rose pink we have ever offered. Has a harmonizing small spot of deeper orchid violet. A real apple blossom pink. The color we growers and florists have hoped to see in a gladiolus coupled with 100% satisfactory commercial cut flower habits. Destined to achieve great success in the gladiolus industry. Won two blue ribbons for us at Mich., two and section champion for us at Ohio and one at Mah. (2nd show), all '39. The spike in our illustration opened as shown in the field but one or two less open comes nearer the average performance in the field. Excellent propagator and a bargain at twice the prices we are



ROSA VAN LIMA

asking. E. N. Y., Md., Pa., Utah, Wells-ville and our 1st Ohio, '40. All of our predictions made at time of introduction have come true. 19 firsts in the spike classes and section champ at SW Va. and Ill. where it also secured award as "best commercial prospect." **L** .08 (100, 5.00) **M** .05 (100, 3.50) **S** .03 (100, 2.00) **Blts** (100, .20).

"Festival Queen was a knockout—five 6½ in. florets on a strong, straight spike, better color than Picardy. Jersey Cream is all you claim for it. Winall put out tall spikes with 10 florets open. But Rosa van Lima was a wonder. Seven 6 in. florets on perfect spikes and the color is what we have been looking for for several years." 8-25-40. F. F. S., Shreve, Ohio.

"Every flower produced from your bulbs was fine but most of all Rosa van Lima, of which you sent me 3 gratis bulbs. The flowers were 6-7 in. across and on digging the bulbs I found an incredible yield of bulblets. Came a rainy day and I counted them—960 (that's right, nine hundred sixty) bulblets of varying size!" 10-15-40. W. C. W., N. Y. City.

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.

Blts any amount at rate offered. Delivered Prepaid in U. S.

SOUTHPORT 96 *—††† Exh. Frequently deserves two stars for size of florets. Color a smooth, light, lilac rose pink, self color. Makes a long flowerhead with 10-12 open blooms on medium long stems. Excellent color value and at least among the best 3 or 4 of the many fine glads introduced by Mair, Scotland. B.G.S., '35. Ia., '37. Regina, '38. Our 1st Mah., '39. Calgary, Winnipeg and Sec. champ, S.E. Mich., '40. Six more 1sts, '41. **L .10 M .06 Blts (100, .30).**

DEEP ROSE

CHAMOONY (Baerman) 90 *+††† Exh. Brilliant, light rose pink, deeper throat. Round florets slightly ruffled. 7-8 open on a good tall spike. Exceptional color values. Ill. and Grand Champion, E. Bay, '40. 10 firsts in '41 including N.E.G.S. Ohio, E. Bay and ours at Midwest. **L .25 M .20 S .15 Blts (100, 1.00).**

EXQUISITE (Both) 75 ***+††† Exh. Com. Slightly ruffled, unique shaped florets, beautiful, medium depth of rose pink with a harmonizing cream blotch. Extra tall spike, simply towers over most of the noted tall ones in commerce. Often over 6 ft. P.G. style of spike from field grown young bulbs but Exh. spikes when well grown from **L** bulbs. Eight 6 inch florets open are quite an easy matter with this one. Among the many tall ones we grow, this has the strongest stem. 22 buds and stretchy flower heads. Excellent propagator and last season we had dozens of 40 inch spikes carrying 10-12 buds and 5 inch blooms from bulblets, field grown, without fertilization. Our 1st, Mah., '41. Prices finally out of the dollars bracket. **L .50 M .30 S .15 Blts (100, 5.00).**

HARMAU (Both) 78 **+††† Exh. Com. Orange shaded rose doree with scarlet blotch (Ridgeway). We would call it a very beautiful pastel shade of clear, deep orange pink with soft scarlet blotch. Tall, wiry stem. Large florets, slightly hooded about as Picardy and Peggy Lou. Tremendous propagator, blooms more freely from bulblets than any variety we grow and we predict a wonderful commercial future for this glad and a number of expert growers overseas consider Harmau the best Australian release to date. Six firsts, champion vase and show champion Prim Grand (Picardy runner-up) S.A.G.S., '38. The unusual color, massive spike, powerful growth from small bulbs and bulblets probably mark Harmau as our best introduction since Peggy Lou.

Color is very difficult to classify for show competition. Our 1st both 3 spike and Recent Intro. Sec. at S. E. Mich., '40. At the So. Austr. Glad Soc., show, '40, Mr. Both won the "Champion Bowl" with Harmau, the arrangement having an overall width of full 9 feet. F. C. C., S. A. G. S., '41. Also our firsts at the early shows, W. Va. and Mah., '41. The price has emerged from the dollars class. **L .50 M .30 S .15 Blts .05 (100, 3.00).**

"Today the medium bulb of Harmau is in bloom. Color value is very high, in my opinion. 7 open florets on it, right outside." 8-27-40. D. McL., Winnipeg, Man.

"It's about Harmau. You sent me a small corm (I ordered a cormel). Planted July 1st in heavy soil. Had to neglect plot account war work. Large majority of my bulbs failed to arrive to bloom but this precocious variety delivered such an exh. spike I got out your Catalog and read your notes on Harmau while I had the spike in my hand—and its performance supported your claims for it 100%. Dug 4 days ago it produced 27 com'l size cormels and a great mass of smaller ones. Otherwise only the prim produced sizeable cormels this yr." 11-15-40. S. E., Notre Dame de Grace, Montreal, Que.

LEONA 95 *—††† Exh. Clean, rich rose red, slightly ruffled. For us the best performer among Mr. Pruitt's '38 releases. Our spikes were admired by all who saw them. The color is much darker than other varieties here listed, not far removed from dark red in depth of color. Our 1st best red recent introduction, Ind. and a first at Sioux City, '38, Ohio and Ill., '39. E. N. Y. and Sec. champ at Susquehanna G. S., '40. The good facing and placing, height and vigor as shown by three more years of growing have confirmed our opinion that this is a good commercial variety, as well. 20 firsts in '41 is evidence of something, too. **L .10 M .06 S .03 Blts (100, .30).**

RED LORY 90 *+††† Exh. Carmine rose, mottled bright orange. Crimson on lower and cream on upper section of throat. Hardly a wonderful color harmony, but makes spectacular spikes with 12 open. Might need staking if bloomed in very hot weather. N.Z. growers claim it has won more champion certificates there than any other. Clearing the slate. E. S. G. S., C. G. S., Iowa, Mich., Ohio, most buds and bloom, Wash., most open at N. E. G. S., Conn. and Quebec, Sec. champ, Calgary and Grand Champ Monitor G. S. (Boston) all '40. Wins mounted to 19 in '41, including grand champion at both Maine and Yakima. Also most open at N.E.G.S. **L .06 (100, 4.00).**

"Everything I bought from you has been top notch and the glads' you sent me gratis have been worth what I paid for the others." 7-6-'37. Prof. E. M. S., Sacramento, Cal.

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.

Blts any amount at rate offered. Delivered Prepaid in U. S.

REDWIN (Gelser) 80 *+†† The color is most unusual. Dark rose red with a large very dark red, almost black throat. 5 inch florets, 6-7 open on strong, tall spike which carries about 16 buds. We have won a first or two with it for the last 3 years, during which we have come to admire it more and more as a novelty. L .50 M .30 Blts (100, 1.50).

ROSALIE (Burgess) 96 **+†† Exh. Com. This new Australian glad has deep color tones. Wine red with carmine marking on cream throat. Makes tall, powerful spikes of true Exh. type, large florets well placed in double row formation, 8-10 open. Easy grower and good propagator. A spectacular glad. A. M. Burnley Test Gardens. We started its American winning career at Mich., '39. Only one first noted in '41, at Ind. but its arrival at popular price should get it into the shows this year. L .10 Blts (100, .50).

VELA (Heemskerck) 80 *+†† Dec. Com. Long spikes with beautifully arranged flowers of scarlet red, rosy toned, blotched deeper though not very conspicuously. Very good cut flower habits with us. Excellent propagator, blooms well from the smaller sizes and even freely from bulblets. For us it marks the passing of the good variety, Red Phipps. F.C.C., Haarlem, '37. Certif. of Commendation, (Test Gardens), B.G.S., and our 1sts at both Md. and Mich., '39. Wellsville, O., '40. Because of fast propagation the price has become reasonable. L .20 M .10 S .05 Blts. (100, .60).

LAVENDER

GERTRUDE SWENSON 98 —††† Exh. An unusual color. Might be called a mauve shaded lavender, feathered white and a white throat. 12 to 15 four inch or larger florets open at once are commonly obtainable. Tall spikes, long flowerheads. Wiping out the record for a fresh start. Most open, Pac. N. W., section champion at 3 Iowa shows and at Minn., also grand champion at N. E. Mich. (1sts at 5 other shows), all '40. Five more in '41 including most open at Ind. and Grand Champion at Pacific N. W. L .08 M .05 Blts. (100, .30).

KING ARTHUR 85 **—† Dec. Very deep toned lavender. Only 4-5 open at one time. Has large, ruffled florets with crease thru center of each petal. Bloom form and color much admired by many. Utah, Grants Pass and N. E. G. S., '39. Utah, Iowa and E. Bay, '40. 15 firsts in '41 including most ruffled at both Ohio and Midwest. L .06 (100, 4.00).

LAVENDER RUFFLES (Wilson) 69 *—††† Dec. Com. Delicate lavender, cream throat lightly peppered lavender. Ruffled. Petals slightly recurved. 4½-5 in. florets, 5-6 open, 19 buds. Tall. Blooms readily from blts. Entered as an Exh. variety it won over Minuet both at Wellsville and at Ohio, '39. We would not classify it as Exh. At Wellsville it also won the award "Most Beautiful Bloom in the Show." Firsts, 2 at Westport, Conn., 4 at Algona, 2 at Wellsville, O., Conn., 3 at Ohio, two of them our 3 spike and arrangement, also our 3 spike at Mich., all '40. 16 firsts in '41 reflect its rising tide of popularity. L .15 M .10 S .05 Blts (100, .40) (1000, 2.00).

MINUET 98 *—††† Exh. Clear, blue cast lavender. One of Ohio's outstanding originations. 2nd best glad, all colors in latest N. E. G. S. and 4th in C. G. S. symposiums and tops the list in both in its color class. Wiping the slate for a fresh record. Firsts at E. Bay, E. S. G. S., C. G. S., Grants Pass, Ind., Hamilton Dist., Mich., Md., Ohio, Pa., Utah, and Wash., all '40. Over 30 firsts in '41. L .06 (100, 4.00).

PURPLE

HERBSTFREUDE (Holland) 90 **—†† Exh. Com. Clean, light purple, deep violet throat mark. Large florets, smooth petals, wiry stems. Should prove a better commercial than Takina. Our 1st, Ohio, S. E. Mich. and Wisc., all '41. L 1.00 M .75 S .50 Blts .10.

MRS. MARK'S MEMORY (K & M) 88 ***—†† Exh. Largest purple glad to date. We have had blooms well over 8 inches on strong, tall spikes. Has a small dark carmine throat mark. A sensational Exh. variety. We break the ice for it in U. S. with a 1st at Mich., '40. In '41, 2 firsts at Wash., one for tallest spike. L ea. \$3.00 M 2.00 Blts .30.

PURPLE BEAUTY (Roosen) 88 **—††† Exh. Com. Shining purplish violet. Self color. Extra large florets of strong substance. Spike is tall and well formed. Somewhat ruffled. This will soon become the most popular commercial purple. N.E.G.S., Wisc. and our 1st Mich., '39. 8 firsts in '41, including Ohio, Wash. and N. E. G. S. L .15 (100, 10.00) M .10 (100, 7.50) S .05 (100, 3.00) Blts (100, .50) (1000, 3.00).

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.

Blts and amount at rate offered. Delivered Prepaid in U. S.

PURPLE SUPREME (Wilson-Evans) 85 *—†††† Com. Color clean, bright purple with halo effect produced by distinct, lighter picotee edge. 5 inch florets, up to 9 open with 7 more in color, 18-20 buds, well over 5 ft. tall with flowerheads ranging up to 30 inches. H. M. at E. S. G. S. and section champion at Ohio, '41. **L** each \$2.00 **M** 1.00 **S** .40 **Blts** .15 (14 for 1.50).

RAMESSES 90 ***—†† Dec. Aster purple, pomegranate blotch on white. Extremely large florets with long, pointed petals. Peculiar ruffling and orchid appearing. One of the tallest glads we offer. Very decorative in combination with lavenders. Ind., Ohio, E. Bay, Sioux City, Cedar Rapids and Ia. State, all '38. Iowa, Sioux City and E. S. G. S., '40. W. Va. and N. E. G. S., '41. **L** .12 **M** .06 **Blts** (100, .50).

TAKINA 90 ***—††† Exh. Rosaline, lilac purple. Lightly flaked a darker shade. A spike of Takina on our winning "Connoisseur" display at the national show, Akron, '36, created a commotion. Has been exhibited with 8¾-inch florets, 9 open and has been grown to a height of 7 feet. Our blooms have reached 8 inches with 7 open, close to 6 ft. high. F.C.C., N.Z.G.S., '34. Auckland G.S., '36. Ames (Ia.) and Yakima, '37. Ohio and Regina, '38. Wisc., Grants Pass, '39. Calgary, C.G.S., Me., Wash., Wellsville, O., and Winnipeg, '40. 11 firsts in '41 including Ohio, Wash., several at N. E. G. S. **L** .10 **M** .06 (100, 4.00) **Blts** (100, .30).

LIGHT VIOLET

ALLEGRO 80 +†† Com. Light lavender-blue. Two dark blue blotches ending in white arrow points. Good cut flower habits and one of the very best performers among the "blues." F. C. C., Haarlem. Probably the best color value in this light blue group. Likely the best hybridizing agent as well. Firsts at Ohio, Wash., Wisc., and Midwest, '41. **L** .12 **M** .08 **Blts** (100, .60).

BLUE BEAUTY (Blaue Schonheit) 80 *—††† Com. Medium light blue with edges of petals overlaid violet blue. Throat somewhat lighter on upper petals, darker on lower containing a small white mark, V-shaped. Large, wide open florets, 8 open, 20 buds, on a long, strong spike. F.C.C., Haarlem. Won Certif. of British G.S. offered at Haarlem, '36, for champion bloom of the show. First blue in history to achieve show championship. 12 firsts in shows we are reporting, including our 1sts

at S. E. Mich., and Mich. '40. Tops its color section in C. G. S. symposium. 16 firsts in '41, including Minn., Midwest, N.E.G.S. and SW Va. **L** .08 (100, 6.00) **M** .05 (100, 3.50) **Blts** (100, .40).

BLUE WONDER (E. Both) 95 *—†††† Exh. Medium light blue violet 5 inch florets. 10 to 16 open, 23 buds, 55 inches tall. Placement excellent, substance good, foliage up to 3 inches across. If flower is bloomed out in hot weather in garden we suggest staking so massive a spike. This variety won Champion bloom as a seedling in the South Australian G.S., '35. We register the first win with Blue Wonder at Ind., '38, Ohio, N.E.G.S. and our 1st Md., '39. Ill. and our 1st Mich., '40. We took firsts at Mich. state, S.E. Mich. and two at Wisc., '41. Stocks are quite limited. **L** .25 **Blts** (100, 1.00).

JOSEF HAYDN 90 *+††† Light heliotrope-violet with spectacular dark blue violet blotch. Florets are large, wide open of heavy substance and well placed on slender but straight stems. This variety offers a genuine novelty color combination of great charm. Tall. May crook in hot weather. E. Bay, '39 and '40. **L** .15 **M** .10 **S** .05 **Blts** (100, .50).

RAYSHEEN 80 *—††† Dec. Com. Delicate, soft tones of medium light blue violet, with slight deeper feathering and a small, soft yellow mark on lip petal. Very vigorous grower and best propagator we have ever discovered among the blues. We have reports of some crooking in extreme weather and a few did for us but this variety consistently gave us the largest flowerheads of any in this color section. Our 1sts at Ohio and Ind., '38. Three 1sts Ohio (one ours) and our 1st Mah. (2nd show), '39. Three 1sts at Ohio (2 of them ours), '40. Ind. and N. E. G. S., '41. **L** .15 **M** .10 **S** .05 **Blts** (100, .80).

WINALL (E. Both) 98 *—†††† Exh. Com. Bluish, medium mauve violet with harmonizing deeper blotch. Tall, exhibition spikes with 8-10 open, 18-20 bud. Very unusual color. Reminiscent of Marmora but deeper, and likely, better color. Powerful grower, good propagator, does not bloom well from small bulbs but otherwise has good cut flower characteristics. A promising new one. Our 1st Ohio and Mah., '39. Three firsts for us at S. E. Mich., '40. In '40 we had dozens of spikes with 10 open on the plants in the field. 10-12 open in field corroborated by field test by W. Va. Glad Soc. in '41. Our 1st, Wisc., '41. **L** .40 **M** .30 **S** .15 **Blts** (100, 2.00).

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.

Blts any amount at rate offered. Delivered Prepaid in U. S.

DARK VIOLET

BLUE ADMIRAL 95 *—††† Exh. Com. Clear, deep violet. Sturdy spikes, tall and straight. Tops color section in C.G.S. symp. Ia., E. Bay, Cedar Rapids, Ames, Mah., Mich., and Pa., '38, Mich., N.E.G.S., E. S. G. S., '39. C. G. S., Calgary, Iowa. Ill., E. S. G. S., N. E. Mich. and Wash. '40, 12 firsts in '41. We finally got tired of having *Pelegrina* fall over in the field, though we acknowledge its color value was superior to Blue Admiral. L .06 (100, 4.00).

OBERBAYERN (Pfitzer) +†† Dec. Com. Very interesting novelty. The throat marking is extra large, so that one might almost call it a cream glad with extra wide edging of dark blue. Color is dark aniline blue with much cream in the throat. In fact the two lip petals are almost entirely cream and the other petals carry a narrow cream stripe. The florets are about $3\frac{1}{2}$ inches dia., very round and wide open. About 5-6 open, well placed on plant and thin, wiry stalks all in good proportion. Fairly good propagator but stocks as yet very limited. Only L bulbs will be sold for a few years. L each \$5.00 Net.

RUDOLPH SERKIN 90 *—††† Dec. Pure, dark pansy blue of a strong shade which does not fade. Round petals, well expanded florets. This is Pfitzer's own improvement on *Pelegrina* in color, size and texture. F.C.C., Haarlem, '35. B.G.S., '35. Metro. (NYC), '35. To see it is to want it. Very scarce. At the Metro., '37 show it won a sweepstakes of designation new to the glad shows, namely "Most Beautiful Bloom in the Show." Ohio, '38. W. Va., Ind. and Wash., '41. L .10 M .06 Blts (100, .50).

TUNIA'S BLUE (E. Both) 110 **—†† Exh. Dark blue violet, about a shade lighter than *Pelegrina*. Some feathering of white. Vigorous grower. Largest floret among the blues. Average propagator. Wellsville, O., E. S. G. S. and our 1st S. E. Mich., '40. Ohio and our 1st Wisc., '41. L .20 M .15 S .10 Blts (100, 1.00) Stock very limited.



JOSEF HAYDN
(from medium bulb)

"Thanks very much for the wonderful value you give me on my yearly orders." 4-17-40. M. B., Chelsea, Iowa.

"The gladiolus corms arrived today in excellent condition. I am grateful for the extras sent and the manner in which the order was packed." 4-10-40. J. A. S., The Bronx.

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.
Blts any amount at rate offered. Delivered Prepaid in U. S.

SMOKY

CHIEF MULTNOMAH (Ellis) 90 **+†††

Exh. Giant florets of smoky mahogany with large red blotch, holding many open on immense flowerheads. Very spectacular. Powerful grower. Mich., Sec. champ E. S. G. S. and our 1st at Ohio was among the several spikes considered for grand champion, all '40. Five firsts in '41. L .12 Blts (100, 1.00).

HIGH FINANCE (Wilson) 95 *+†††† Com.

Smoky light violet orange, cream throat. Light flecking at tips of petals. Some ruffling. 5 inch up florets, 8-9 open, 21 buds, flowerheads almost all over 2 ft. long, entire spike 5 ft. tall. Strong stem. Was champ seedling and grand champion of the show at 2nd Mah. show, '37. Won in Recent Intro. sec., Ohio and for longest flowerhead at W. Va., '41. L .90 M .60 S .30 Blts (100, 4.00).

MISTY DAWN (Rich) 98 ***+††† Exh.

Color soft, smoky gray salmon with light bluish flakes at edges. Spectacular, large orange red blotch. Immense, round petalled florets 6-7 inches, 6-9 open, 16-18 buds, 22-28 inch flowerheads, height about 5 ft. Spike is generally straight, placement good. Substance fairly good for so large a floret. Rapid propagator. "Honorable Mention," E. S. G. S., '39. "Award of Commendation," E. S. G. S. and our 1st, single spike seedling, Ohio, '40. Won at 2nd Ohio show, Mr. Hopkins' giant spike with 9 open won at Wisc. and at E. S. G. S. it won 3 firsts and the Empire society Award of Merit, all '41. L .50 M .35 S .20 Blts (10, .50) (100, 3.00)

MOTHER MACHREE 100 **—†††† Exh.

Salmon Orange. Silver gray. Sunset colors of high lustre and sheen. Consistent producer of long, straight, stunning spikes. Not much difference in the show records past five years, between Mother Machree, Bagdad and Marmora. Whichever specimen was grown the best usually won. Latest records: Calgary, C. G. S., Hamilton Dist., Iowa, Md., Wash., Winnipeg, Sec. champ Mich. and Grand Champion at E. S. G. S., all '40. Rates 7th and tops color sec. in N.E.G.S. symposium. 11 firsts in '41, including most open (12) Utah, 3 spike Midwest and grand champion at the Canadian Glad Soc. show. L .06 (100, 4.00).

PASTEL (Both) 80 *—†† Dec. Com. This

is the perfect pastel blend smoky. Rosy, velvety gray. Color is soft, smooth, without glitter. No other smoky to our knowledge remotely approaches it for smooth color

value. Even the giant Tunia's Mahomet we will introduce next year is not so smooth. 5 inch, round, wide open florets, well placed. 5-7 open, 16 buds. No crooking. Good propagator. Any size bulb, L, M or S 2.00 Blts .25 Net Price.

ZUNI 92 *—††† Exh. Salmon and slate with some light orange salmon feathering. Will fade slightly if opened in strong sunlight. Ruffled. 10-12 open with good placement. Vigorous grower. Blooms well from smaller sizes, fast propagator and bulblets perform exceptionally well. New. A.M., Md. G.S. Trial Grounds, '37. Grand Champion, Grants Pass, '38. Wisc. and Grants Pass, '39. C. G. S., Conn., E. N. Y., Md., Me., Iowa, Ohio, Wash., Winnipeg, Sec. champ at E. S. G. S. and Cedar Rapids and Grand Champion Thunder Bay (Port Arthur) all '40. Tops its color section, C. G. S. 10 firsts in '41. L .10 M .06 S .03 Blts (100, .25).

ANY OTHER COLOR

(Often combined with "Smoky" in the shows)

R. B. (Upton) 90 *—††† Exh.** Huge rusty golden brown, or henna, on an old rose base. Strong grower, fast propagator. Giant florets from M and S bulbs as well. R. B. made sensational progress in 2 years. Largest floret at E. N. Y. and Conn. in '40. In '41 it secured 14 firsts including SW Va., Midwest, Ind., largest floret at N. E. G. S., E. N. Y., and for us at Mich. We also won with it at 2nd Ohio show, in R. I. sec. at Mich. and S. E. Mich. and won 2 Canadian Glad soc. Medals for us for best Canadian origination at Ohio and Mich., all '41. L .25 M .15 S .08 Blts (100, 2.00).

VAGABOND PRINCE 97 *—††† Exh. Irrescent, garnet brown, lighter in upper throat, small flame scarlet blotch below. 8-10 open. The color combination is very attractive, as well as unusual. If you like striking, novelty color combinations, we suggest you waste no time acquiring this one. We get spikes from small bulbs comparable with those from Peggy Lou. We have record of 18 firsts in shows we are reporting, also Sec. champ at Md., Iowa, N. E. G. S., and Algona, all '40. Rates No. 5 in N. E. G. S. and 8th in C. G. S. symposiums and tops color section in both. Classified "Any Other Color" in C. G. S. Rates 2nd only to Peggy Lou in last Ohio symposium. 33 firsts in '41, including Grand Champion at Ames. L .07 (100, 4.00) M .04 (100, 2.50) Blts (100, .15).



YES, WE WERE CAUGHT WITH THE GOODS —
 (One spike Stella Antisdale, two spikes King of Hearts)

COLLECTION OF PATENTED GLADS

California
 June Bride

Grand Opera
 King of Hearts

Helen of Troy
 Sir Galahad

One each, Large size only, separately labeled for \$2.25 Net.
 When June Bride or any other is sold out we will double on another.

LEAD YOUR FRIENDS and NEIGHBORS — HOW TO DO IT

Simple as can be. Inexpensive, too. Plant healthy, young bulbs of the large size of varieties currently winning first prizes in the major shows of the world. Soil prepared in the fall with heavy applications of well rotted cow manure and bone meal is excellent. Avoid horse manure in any season. Plant in the sunniest location possible. Shelter from strong winds is desirable. Preferably in a group planting by themselves.

Plant large bulbs 5 inches deep, medium bulbs 4, small bulbs 3 and bulblets 2. If soil is extremely sandy plant somewhat deeper. If very heavy, somewhat less deep. For best bloom production set bulbs apart in row roughly about 4 times their diameter. Sow bulblets thickly, like peas. Distance between rows as little as will permit of your particular method of cultivating, weeding, etc.

Do not make them compete with other roots of trees, shrubs or weeds. Cultivate often and close, keeping surface loose.

Most of us already know that gladiolus prefer a somewhat acid soil. Silt and sand in the composition of your soil is valuable. Avoid lime unless needed to cure a superacid condition (expressed pH 1 to pH 4). Likewise avoid, more importantly, super alkaline soils (pH 8 to pH 14). Neutral is pH 7, but pH5 to pH6 is what you should strive to obtain. Your nearest State Agricultural Experiment Station will test samples (a pound or two) of your soil for acidity rating or will advise you how to do it. A well drained soil will have much to do with your cropping disease free bulbs, particularly if dug after a wet fall.

If a heavy application of cow manure (3 to 6 inches deep) and coarse bone meal (25-30 lbs. to 500 sq. ft.) was applied in the fall and the ground left rough, no more fertilizing need be done the following year.

If fall fertilizing was not done, well rotted cow manure may be worked into the soil before planting. After the trench is dug, if soil is heavy, it will be beneficial to spill an inch of fine sand on the bottom before setting the bulbs. If sand is dry it can easily be spread with a sprinkling can with the rose removed from the spout. After the bulbs are set and one half of the excavated soil is returned over the bulbs to protect them from fertilizer contact, a handful of (2-8-10) or of superphosphate, such as (0-16-0) and (0-20-0) may be spread along about 4 ft. of row. This is in lieu of the fall application of the slower bone meal.

If cow manure is not available, you may now substitute in addition to the (2-8-10) or

superphosphate used, about 2 handfuls of prepared sheep manure (baked to kill weed seeds) per 4 ft. of row before filling in the upper half of the trench.

Pack the soil a bit (carefully if the bulbs are sprouted) to assist in rapid capillary attraction and speedy growth. If soil is very dry at planting time, drench with water heavily, to penetrate six inches. Thereafter, until time when flower buds can be felt in the stalks, use water very sparingly. Of course, if little or no rains for 15 or 20 day periods drench again and keep the plants well weeded and cultivated.

During the bud to bloom stage is the one time it is desirable to keep the ground definitely on the wet side. Next to impossible in well drained location to get it too wet at this stage. Naturally, if the soil be wet and soft and high winds come, some tall and heavy plants may go over, bulb tilting in the soil and tearing roots, if permitted. We consider it advisable to use some method of staking if the soil is kept extremely wet at this stage. We use some 6 ft. steel stakes, $\frac{3}{16}$ inch diameter and rubber bands. The stakes are inconspicuous and if blooms are cut can be readily moved to other spikes throughout the season.

After the peak of bloom season, if weather becomes extremely hot and there appears any tendency of the stems to soften somewhat, this extra watering may be concluded and very shallow cultivation continued through the balance of the blooming season if you can still get in among the plants to do so.

Whatever general fertilizing method may be used, a "shot in the arm" type may be used on a few or all plants just as the early buds begin to form in the stalks. Use a handful of dried blood meal for about 5 to 10 plants or a handful of ammonium sulphate to about 10 to 15 plants, scratching it in several inches away from the plants. Soak the ground heavily the day before so that the plant will be saturated and in strong growing condition, thus withstanding a shock which might otherwise burn off the rootlets, turn the foliage yellow and stop further growth. This will increase the size of the florets and the length of the spike.

Above formulas are maximum. Many would consider them extreme. We do not remotely approach these extremes ourselves as our aim is a bulb crop and the blooms incidental. But a large number of our customers have used these methods with highly gratifying results.

Purely for commercial bulb production we recommend use of 2-8-10 or better still 3-9-18 applied about 1000 lbs. per acre, disced in just before planting or otherwise applied in manner to safeguard the bulbs from actual contact with the material.

"Have used Rototox for many years now, never less than 95% control, this year 100% free of thrips." 12-10-41. J.T., Mentor, Ohio.

"I only ordered seeds of seven crosses and received thirteen, just about double my order." 3-21-40. A. J. D. L., Toronto, Ont.

Particularly in hot weather, spikes which are cut when but one or two florets are open, fill out with more open at a time when bloomed indoors in the light but not sunlight, away from any breeze, making better exhibition spikes and preventing any fading of colors such as is sometimes found in some of the finest orange scarlets, as well as preventing wilting of varieties without strong substance. Cut stem slantwise to provide larger drinking area and place in water at once to avoid air pockets in stem. Allow three or four leaves to remain on the plant to mature the new bulb which is hardly half grown when spike is cut. At least six more weeks are needed to mature the bulb, except where blooms are from large bulbs of very late sorts, or where blooms arrive at late season from young planting stock.

BULBLETS

The little hard shelled bulblets will not germinate until moisture reaches them. Therefore, it pays to keep them on the moist, almost continuously wet side to rot the shell until they begin to appear. Bulblets in quantity may be bagged, kept moist by occasional immersion in warm water and in a warm place, for a week or so, to hasten the shell rotting process. If some start rooting, plant all. If expensive bulblets in small lots, you may chip off a fragment of the shell with point of a small pocket knife, using care not to injure eye or root base. Plant early, as soon as ground warms in spring.

DONT'S ON DIGGING

Do not leave part of stem on bulb, cut close and burn the tops.

Do not leave bulbs to dry where frosts can reach.

Do not pile deeply. Quick drying (not in hot sunlight) is extremely important to prevent spread of diseases in storage.

Do not remove roots and old bulb for some weeks unless old bulb is soft or shows decay. Wait until they separate with ease and without tearing the new root base. This waiting period is the most desirable time for sprinkling your bulbs lightly with naphthalene flakes. See paragraph on that subject.

"The glad bulbs arrived in splendid shape. Thank you so much for the many extras and especially for the oversizing. I did not expect such generous treatment when I had taken advantage of the early order discount." 4-23-40. Mrs. H. H., Centerville, Ind.

"I rec'd your catalog and have been going through it carefully and one thing struck me quite forcefully. That was that the varieties you offer today are the future prizewinners of tomorrow. Many times I pick up old catalogs and back issues of the N. E. G. S. yearbooks, when I read the claim of some grower about some new variety to see how his predictions of former years have turned out. And I think a lot of other people are doing the same thing and I can imagine them saying, Well, Evans ranks about tops in his predictions. For, after all, what a man claims about a variety today has to be judged by what he had claimed in the past." 2-7-40. J. E. D., Freehold, N. J.

INSECT PESTS AND BULB DISEASES

This subject, fortunately, has again become relatively unimportant to the well informed, who have learned that simple, preventive measures are better than complicated and sometimes ineffective curative measures.

Inspect your bulbs before planting. If doubtful looking, remove entire husk, though the husk does function to ward off from the planted bulb frost, fungus diseases, grubs and wire worms.

We proceed with our subject under subtitles.

FUSARIUM YELLOWS FUNGUS DISEASE

We discuss this subject because so many buyers of planting stocks (and blooming sizes) order in stocks from different localities, basing their purchases largely on attractive price. When such price has been made possible by neglect of proper field rotation and lack of scientific bulb treatments, such intensive culture often results in your receiving bulbs which develop a core rot as the storage season progresses. If you do not discover this eating away of the bulb tissue where the roots must emerge, if at all, and plant this fungus infected bulb, the stem of the plant will wither, tips of leaves begin to turn yellow and die back. Progressively, the entire plant is affected and eventually dies. Unless this plant and the surrounding soil is removed, the fungus will rapidly spread in the soil. The following year this location will be unsafe either for your or our sound bulbs.

In certain areas of intensive gladiolus cultivation this subject is so serious that, eventually, a mass exodus from the locality may be the only solution. Very fortunately, Ohio growers, as yet, have little or no experience with the disease.

Not so serious are various types of scab and dry rot that only produce localized lesions on the bulb, which can be gouged out, or the organisms that cause these can be starved out by rotation of planting location or the corrosive sublimate treatment.

Unlike these surface lesions, *Fusarium* invades the root system, causes a browning of the core, sometimes with brown strands or streaks of discolored tissue extending from core to leaf bases. Replanting these bulbs to a new site results in further spread of the disease and ultimate rotting of the bulb. Such bulbs should be burned, not planted. If an expensive bulb seems slightly affected and a desperate measure is sought to preserve its life you might try dipping the bulb for a moment in a suspension of calomel or yellow oxide of mercury, formula 1 oz. of either material to 5 pints of water. Drain bulb and plant immediately.

Our bulbs are individually examined for the slightest sign of this disease and are destroyed on merest suspicion, since we feel it is better to be safe than sorry.

BULB SURGERY

A few specks of disease spots, wire worm injury or scab may be gouged out without the slightest harm to the plant provided the bulb retains a good eye and root base. Cutting out these segments only cuts away that much food to start off the new plant. Best dust the cut surface with powdered charcoal. Next best common sulphur or at least dry until bleeding stops before planting.

Or wipe the cut surface dry with some paper towelling and then paint well with melted paraffin.

You may do these things any time during the storage period, too, or just rely on corrosive sublimate treatment to clear them up.

A plump bulb of $1\frac{1}{4}$ inches diameter has plenty food to start production of a show specimen spike. If the bulb is 2 inches or more in diameter it may have two or more prominent eyes or sprouts, indicating that it will make as many stalks and spikes. Now this one bulb cannot be expected to make two or more spikes of the same show specimen quality it would produce if held to a single eye and spike. If you want to bring renewed youth and vigor to your old jumbo bulbs and beat the other fellow, just disbud the bulb, i.e., gouge out all eyes except the most prominent one, just as you gouged out the little specks of scab or disease, dusting as before. We are of opinion that bulbs may be lost by this process only by failure to heal the cut surface sufficiently before planting.

EXAMINE YOUR BULBS

If your bulb is not bright and clean looking, something has gone wrong. It is easy to soak them the night before planting in the simply prepared, inexpensive corrosive sublimate solution, a sort of "cure all" for bulb diseases as well as thrips prevention, and not to do so may easily be disastrous. This treatment is almost universally adopted now by amateurs and growers alike for every bulb planted.

Thrips do not winter over outdoors in the Northern states but they are often brought into the storage quarters with the bulbs. If the bulb has irregular areas of russet brown, often confined to one or more areas walled apart at adhesion line of the layers of husk, with the surface somewhat roughened, it is likely some thrips have been feeding on the bulb juices and if the surface is sticky, likely they are still there and alive. If not sticky, likely the temperature has been below 50 degrees long enough to kill the insect but not the eggs. The corrosive sublimate will kill both insect and eggs.

The use of the well known naphthalene treatment a short time after digging kills any of these thrips that may have been brought in promptly and the bulb has a better chance to survive the storage period and remain a bulb still fit to plant.

NAPHTHALENE FLAKES

We highly recommend this simple and economical treatment. If you allow thrips to feed upon your bulbs they will suck the juices, injure the eyes and rootlets and growth will be retarded and inferior flowers produced, even if you eventually kill them off at planting time by some treatment. Avoid crude naphthalene or camphor or paradichlorobenzene as they may contain creosote or other injurious chemicals. The best time to use it as soon as the roots are considered too dry to suck any naphthalene into the bulb. Maybe a matter of hours or a few days, depending on drying methods. Do not apply to bulbs from which the old bulb has just been removed, as the severed area is moist for a while and the naphthalene might soak into the bulb. It is safe both to the user and to the bulbs, during their dormant period of storage, even when an overdose is used, provided the bulbs are fairly well dried. One ounce (4 level tablespoons) sprinkled on each 100 large bulbs or equivalent in bulk of smaller sizes, is sufficient if bulbs are stored in closed bottom container. If screen bottom or in onion sacks, double the amount. Will kill insects promptly and gases will continue for several weeks, killing the larvae as soon as hatched. Allow to remain at least 3 weeks. But note they will not hatch under 50 degrees. Do not completely cover the bulbs as evaporation takes place constantly and to prevent it will make the bulbs first damp, then mouldy, then susceptible to rot and diseases. Applying the flakes in a closed paper bag is safe for a few weeks if bulbs be dry, since some moisture can escape. Avoid wax or oil paper bags since moisture could not escape. If roots and old bulbs are removed several weeks after application, any naphthalene remaining may be removed. If the flakes have not entirely evaporated by the time little root knobs and eye sprouts emerge, showing bulb is no longer dormant, shake out any remaining. Do not use any naphthalene in the trench at planting time since it is safe only to the dormant bulb.

CORROSIVE SUBLIMATE

Also known as mercuric chloride treatment. **This produces such wonderful results, with so little effort, with so little cost, that no one, whether he grows a bed of glads four foot square or four acres, should fail to so treat his bulbs.** Regardless of where or how the bulbs grew the preceding year. This gives the bulb a coating that wards off various bulb diseases and fungus attacks. We used to keep our bulbs healthy by this process long before we ever heard of thrips. Now, it has been conclusively proved, this treatment also kills any thrips and their eggs, and, if used, you only need keep a watchful eye for thrips infestation from outside sources. Remember soaking processes are only advisable just before planting. This is not a fall treatment. If your bulbs are husked, they need only be soaked half as long, but we do not advise husking unless you

know your bulbs are infested badly and you wish to take no chances on penetration to the bulb. Many have inquired if the treatment is safe to use on badly sprouted or rooted bulbs. This will not harm them.

We read an article in a Canadian "quarterly" by someone who called himself "I Dip-pem," who said he had a lot of little batches. To keep them separate he obtained some of the women folks' old stockings, slipped a batch into a toe with wooden label, tied the stocking above the batch and so proceeded until all the batches were conveniently ready to soak, remove and drain.

Note Important Revision of formula by U. S. Dept. Ent. to allow additional time for penetration of stubbornly tight husks.

Dissolve 1 oz. of the powder first in a bit of hot water, then pour into 7 gal. of water, preferably above 60 degrees. Remember, cold water may render the treatment ineffective. This must be poured into a non-metal container, such as a crock, wooden pail, glass or chipped granite ware. Varieties kept separate in cloth bags. No difference if bulbs are then planted wet or dry, but the sooner the better as much of the coating may be lost if bulbs become dry. Solution weakens with use, so replenish 100% if used again. Soak 12 to 17 hours, preferably night before planting. Be sure bags are fully immersed. Do not use this substance in tablet form unless you learn exactly how much of the tablet, in weight, is actually corrosive sublimate. You want a final solution of about 1-1000. This solution is safe to the hands but is a deadly poison and must be used and disposed of with extreme care.

Note. We have never recommended lysol, formaldehyde or any Tar product, eucalyptus oil or lye as a substitute for corrosive sublimate. Kindly remember this.

Our bulbs get the naphthalene treatment a week or two after digging, the Ethylene gassing late January and the unsold bulbs get the corrosive sublimate before planting. Advertising "treated" bulbs means little unless you know the method used and when last used.

TARTAR EMETIC SPRAY FORMULA REVISED

Several years ago the U. S. Dept. of Entomology discarded the old paris green formula for Tartar Emetic. Since tartar emetic-sugar spray is capable of causing severe flower injury the department tested dosages of lower concentration than first recommended in effort to minimize this damage.

The latest revised Tartar Emetic formula follows: Use either U. S. P. or Technical grade. 2 lbs. tartar emetic, 4 lbs. brown sugar, 100 gal. water.

Interpreted in smaller quantity the new formula reads 1 oz. Tartar Emetic, 2 oz. brown sugar, 3 gal. water.

Never combine other insecticides with tartar emetic-sugar spray as they usually include spreaders which spoil the effect of the bait spray.

To those of you who decide to use Tartar Emetic we suggest that you change to Rototox as soon as blooms appear and thus avoid sticky blooms and foliage. See information on Rototox on following page.

INSECTICIDES

If thrips appear on your plants they must be controlled before the bud spikes emerge from the foliage. Watch for any silvery gray streaks on the foliage. If permitted to increase unmolested they will extract juices from the buds resulting in a burned appearance, they will eat streaks of color off the petals even before they unfold and if they unfold at all, the petals may crimp up their edges and dry to a dull brown. Even the young, lemon colored thrips may do this damage to the bud so it is important to kill such adult thrips as may arrive before they lay eggs, also because the young have the bad habit of staying inside the bud and crevices of the plant where they are hard to reach with insecticides. The silvery gray (feeding) streaks on the foliage, in badly infested cases, turn brown, stopping both plant and bulb growth.

In our opinion, thrips come more into the open during the hours of 4-6 P.M., so spraying is most effective if done at that time. Also, the less heat the safer for the plants and evaporation is retarded. If plants are thirsty when spray is applied, spraying hazards are increased. Plants should be well watered but the foliage should be dry before the spray is applied. Spraying but one part of the patch only is inadvisable on account of the migratory habits of the insect.

Plainly we want an insecticide that will not burn the plants and that will act as a "double action" insect poison effective on both sucking and leaf eating forms of insects. **Rotenone** in proper concentration, with a spreader that will not deteriorate the ingredients, is both inexpensive and more effective than any other formula that has come to our attention. Above all, we beg our readers not to put off inspecting the plants for thrips infestation until blooms appear. If they already have a good foothold at that time you may have a very discouraging task on your hands.

We recommend **preventive** spraying using a somewhat lighter concentration than advised for serious infestations. Either about once every 10 days after plants are up 6 or 8 inches until blooming, or else about 4 sprayings about 4 days apart beginning about 20 days before blooming, i.e., about when the bud spikes begin to fatten the stalk. If an infestation is actually present, use full strength concentration. In any event, have your insecticide on hand to use if needed.

ROTOTOX

The Penetrol spray made with Rotenone, containing also Ethylene Dichloride, in fact a full 90% of active ingredients.

We have been investigating the value of the new insecticide called "Rototox" with a view to its substitution for all home-made, assembled formulas, as a complete spray in itself for all general purposes and for gladiolus in particular. The results are almost too amazing to be readily believed. Let doubters try it and be convinced. We have numerous reports that its use has been highly satisfactory. Perhaps you have already seen the article by Dr. Roark, of the Dept. of Agriculture, who considers Rotenone (derived from derris or cube root) one of the most effective insecticides available, being fifteen times as effective as nicotine and thirty times as effective as arsenate of lead.

Rototox, while so deadly to insects, is non-poisonous and perfectly harmless to humans, animals and plants and fruit and vegetables sprayed with Rototox may be eaten with perfect safety within 24 hrs. after spraying. The Rotenone acts as a stomach poison to insects as long as it remains on the plant, in addition to being a contact insecticide. Penetrol (oxidized petroleum hydrocarbon, sulfonated) is a carrier, spreader and activator. It is neither acid nor alkaline nor caustic, so the rotenone is held in perfect suspension, without precipitation or disintegration, thus making no disfiguring sediment to mar or injure the most delicate foliage or petals. Therefore, no need of segregating early and late varieties. It causes the formula to emulsify as readily and completely in cold, hard water as in warm, soft water.

It does not have to be kept agitated and it cannot clog the spray nozzle. These are the reasons why Penetrol is known as the best spreader for carrying the formula into the crevices of the plant, an extremely desirable feature for the control of thrips.

Rototox contains Ethylene dichloride, which has for many years been used by many large growers for gassing their bulbs in storage quarters. This ingredient is valuable because it reaches many insects not contacted and portions of the plant not fully covered by the spray.

At Century of Progress grounds, 1934, there was planted four large plots of beds of gladiolus by about 20 growers. (We participated). Laid end to end there were 6 miles of rows of gladiolus. Rototox was used preventively on all these beds with very satisfactory results.

Rototox has already become popular for greenhouse use and is cheap enough for use on large acreages of gladiolus, dahlias, perennials, evergreens, truck crops, etc.

The Rototox Co. has an excellent 20 page booklet containing much valuable insecticide information for all branches of horticulture. Free on request to them.

We do not stock Rototox. You can get what you need promptly (much quicker than by asking us to relay your order), postage prepaid, from

The Rototox Co.,
81 East Yale St.,
East Williston, N. Y.

Their prepaid prices (no doubt subject to change) are: 1 oz., 35c, 8 oz., \$1.00; 1 pint, \$1.75; 1 quart, \$3.00; ½ gal., \$5.00; 1 Gal., \$10.00; 5 gal. \$45.00.

At the strong concentration for bad infestations, 1-200, 1 gal. will make 192 gallons of spray. At suggested preventive concentration, 1-400, 1 gal. will make 384 gallons of spray. (About 5c or 2½c per gal., depending on concentration needed.)

"Ever since and including 1933, when I first followed your suggestion to use Rototox, I have used it every year with complete satisfactory results on gladiolus plantings ranging from small plots to two acres. A mighty profitable tip and many thanks." 12-4-40. L. M. P., Twinsburg, Ohio.

"Have used Rototox now for six years. This year I used it to treat the bulbs before planting in addition to the usual spraying and again had very good thrips control." 11-5-40., H. E. B., Salem, Ohio.

"I wanted to tell you that my asters were in a sad state, the leaves curling up and withering, and I sprayed them 3 times with Rototox mixture the same as I use for glads and they are now good healthy looking plants. Last year my hollyhocks were covered with rust. So this year I started spraying with Rototox when they were very small and each plant is clean and healthy. I am more than pleased with the results." 7-17-'39. Mrs. E. H. S., York Harbor, Me. and Philadelphia, Pa.

"Have been using Rototox now for three years. Found it very good." 4-3-'39. L. S. Miamisburg, Ohio.

"Used Rototox on ten thousand glads and had fine results." 11-2-'39. W. C., Schenectady, N. Y.

"I have used Rototox as a spray for three years and can truthfully recommend it to my friends. Thank you for recommending it to me." 2-20-'39. F. W. S., Cleveland, Ohio.

"I have been using Rototox for some years and it has proven very satisfactory in every way, especially for the control of thrips on Glads. Glad thrips are no longer a menace as I spray my Glads 2 or 3 times and forget about the thrips. I soaked my Glads in Rototox this spring and I note that they came up much quicker than when soaked in bi-chloride and seem to be much healthier looking." 6-27-'39. E. S. H., Lisbon, Ohio.

"I have been fighting thrips and other insects on my roses for years. I have secured better control with ROTOTOX than with a dozen other insecticides. I spray 1-200 twice, 24 hours apart. No more thrips until more are blown in. This may be 3 days or as many weeks.

"I have no objection to your quoting me. You have a product that is very good. I would be glad for others to receive the benefit from it." 11-23-'37. Mr. Clapp, State of Texas Park Board.

"I used ROTOTOX on about 10,000 gladiolus as a means of getting rid of thrips. It proves very successful in this. In fact, I will consider it the equal if not the superior of any other treatment we have ever used for that purpose. Found it effective also against silver fish and cockroaches. also as a fly and mosquito killer. I have taken occasion to recommend Rototox through my newspaper syndicate and have recommended it perhaps a dozen times before various garden clubs where I have lectured. Will use as dip when bulbs are dug." 9-29-'37. (Dr.) Floyd Bralliar, Dean Nashville Agricultural Normal Institute.

Madison College, Tenn.

GLADIOLUS SOCIETIES

There are now upwards of forty state and regional societies in the U. S. and eight provincial or regional societies affiliated with the Canadian Gladiolus Society. Several each in Australia and New Zealand. National societies in England, Holland, Belgium and Germany. Upon request we will assist you to contact your nearest society. All have Prize Schedules and Annual Exhibitions. You may make checks, drafts or Postal Money Orders payable to any society below mentioned, amounts as indicated and we will transmit same to the secretary of the society selected.

In the U. S. the New England Gladiolus Society is the outstanding society with respect to publications. "Regular" membership, \$1, entitles you to the 250 page Annual. "Supplement" membership, \$2, entitles you further to the three 40 page supplements published April, July and October. "Affiliate membership, at \$2.15, entitles you not only to the Annual and the 3 Supplements, but also to full membership in any one of the following affiliate societies: Calgary, Conn., E. Bay (Calif.), Eastern N. Y., Fairfield Co. (Conn.), Ill., Iowa, Maine, Marion Co., (Ind.), Mid South, Minn., Ohio, Pa., Southeast Mich., Susquehanna (Md.), Utah, Wellsville (Ohio), W. Va., Winnipeg (Man.), Sheboygan and Manitowoc (Wisc.), Yakima Valley (Wash.), and Md.

The N. E. G. S., '42 Annual will contain interesting articles on New Varieties, Culture for Beginners, Botanical Study of the Corm, Research on Bulb Diseases, Hybridization, Registrations, Show Reports, Flower Arrangements, etc.

The Canadian Gladiolus Society publishes an Annual of about 200 pages. This society conducts a Symposium and Rating of about 600 of the foremost gladiolus varieties of today, classifying them into 21 color groups, rating them skillfully within their respective color groups. This feature alone is sufficient to make their publication outstandingly valuable. Affiliated societies are Quebec, Hamilton, Regina, Winnipeg, Calgary, Saskatoon, Edmonton, Truro. Of these, Quebec and Calgary publish annuals.

The mounted **Fischer Color Chart** (108 color blocks) is again available. Send us \$2 and we will have one shortly in your hands, postpaid, together with printed instructions.

Write to us early in July and by then we will be able to inform you of time and place of any show or those within 4-5 hours drive. The Midwest show, sponsored jointly by 9 midwest gladiolus societies, Ind., host, will be at La Porte, Ind., Aug. 15-16, 1942.

New England Gladiolus Society, \$1. (Annual). Albin K. Parker, Sec'y., Norwood, Mass. "Supplement" membership (annual and supplements), \$2. "Affiliate" membership, (annual, supplements and the state publications), \$2.15, should be paid to the sec'y of the affiliate society.

Canadian Gladiolus Society, \$2. (Annual.) Mrs. J. A. Carleton, Sec'y., 166 Willow Rd., Guelph, Ontario, Canada. Write to Mrs. Carleton for information concerning their affiliated societies.

British Gladiolus Society. Activity suspended for duration of the war.

Ohio State-Gladiolus Society, \$1. (Quarterly Bulletins). W. W. Wood, Sec'y, Rudolph, Ohio.

Indiana Gladiolus Society, \$1. (Bimonthly Bulletins). Wm. J. Ferrier, Sec'y, 219 Walker St., Michigan City, Ind.

Iowa Gladiolus Society, \$1. (Monthly Bulletin). This membership may be direct or through affiliation with either the Sioux City, Ames, Cedar Rapids or Algona Gladiolus Societies, without additional cost. Address Iowa Glad. Soc., Secretary's Office, State House, Des Moines, Ia.

Michigan Gladiolus Society, \$1. (Quarterly). M. J. Elenbaas, Sec'y, 1032 Madison St., Grand Haven, Mich.

FREE BULBS

Here is how. This offer is only to secure new members, not renewals and cuts your membership fee in half, as you will readily see.

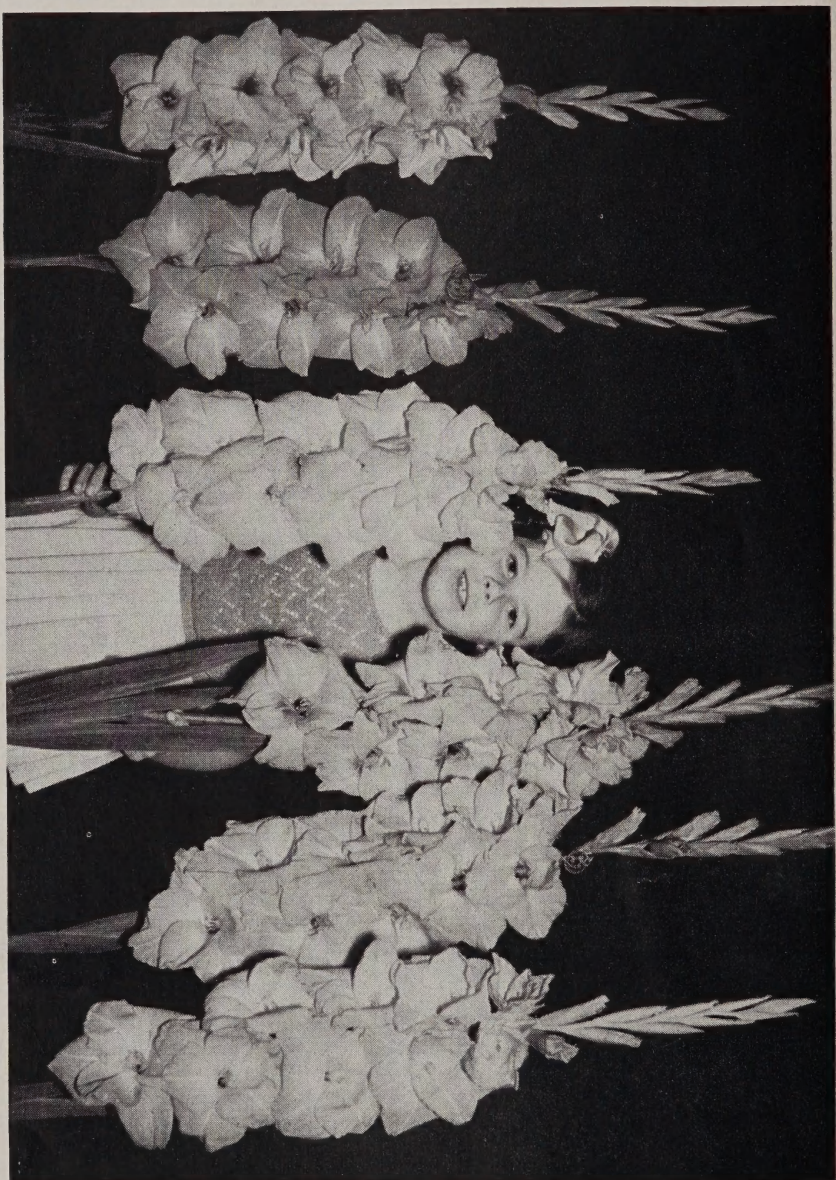
To all customers sending in Retail orders of \$5 cash and up. If you will also transmit to us your check or money order made out to any of the above societies, in the full amount for one year new membership fee, we will transmit same to such society and you may add to your order bulbs of your own selection from our catalog (at list prices, no further discounts) to the amount of one half of such membership fee.

Illustration: Utah customer sends in \$5, or larger retail order and selects the Ohio-N. E. G. S. affiliation, enclosing \$2.15 made payable to the Ohio society. He selects and adds to his order \$1.08 worth of bulbs (at list prices), without charge. We do the rest.

FREE MEMBERSHIP

To all customers, including foreign, whose purchases at Retail net \$25 or more, provided such customer is not already a member, we will give a paid-up one year membership in the Canadian Gladiolus Society, the New England Gladiolus Society or any other membership or combination membership above described that will not cost us more than \$2.15. Or the \$2.00 mounted Fischer Color Chart.

This page is not a gesture. It has been costing us in the neighborhood of \$200.00 in cash and bulbs for many years.



Fascination

Seedling

Mrs. E. Both
(Grand Champ)

Tunia's Marvel
(Seedling Champ)

St. Edward

Col. Wm. Light

Miss Marlene Both

THE SIX BEST SPIKES AT SO. AUSTR. GLAD. SOC. SHOW, NOV., 1940